

Smart3D Menus in Nero Vision 4

You can provide your videos with an animated introduction and three-dimensional menus using the new Smart3D menu templates in Nero Vision 4. To do so, start a CD or DVD project as usual and select a template out of the Smart-3D menu group. After that step you can provide these menus with your choice of background music, arrange buttons and text, establish colors, and animate menu transitions.

This tutorial explains how these options can be implemented quickly and easily.

The following requirements have to be met:

- Nero Vision version 4.5 or higher must be installed on your computer
- a graphics card with 3D acceleration must be connected to your computer


Start Project

Proceed as follows to start a project:

1. Start Nero Vision 4.

> The **Nero Vision [Start]** window will open.

2. Choose a project type.

 The following procedure will explain the individual steps of creating a Video-DVD project. The process for the other project types is identical.

> The window **Unknown Project * [DVD-Video] - Nero Vision** will open.

3. Add video files to your project. You can also add pictures as an additional or alternative step.

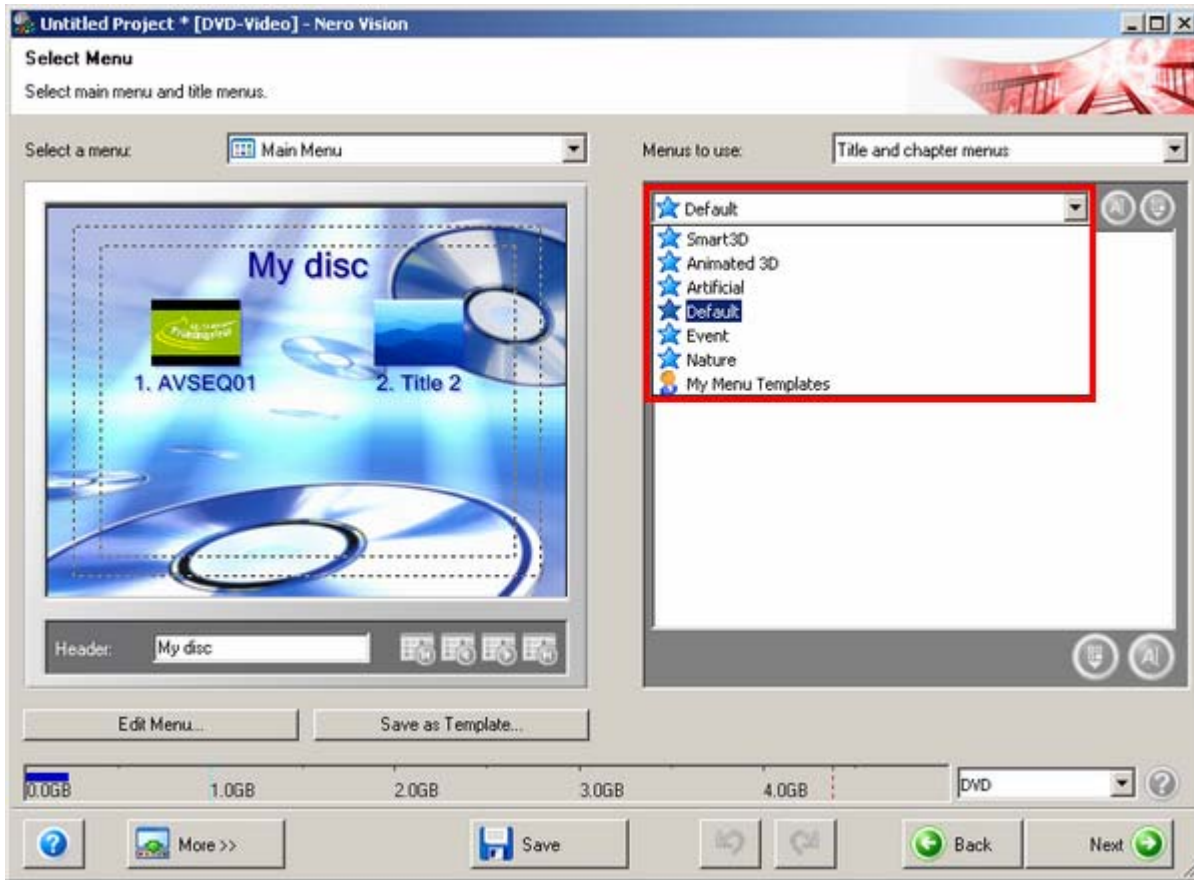
>> You have started a project and chosen the content.

The following window will be **Select Menu** - it is here where you can select the desired 3D template.

Select Smart3D Template

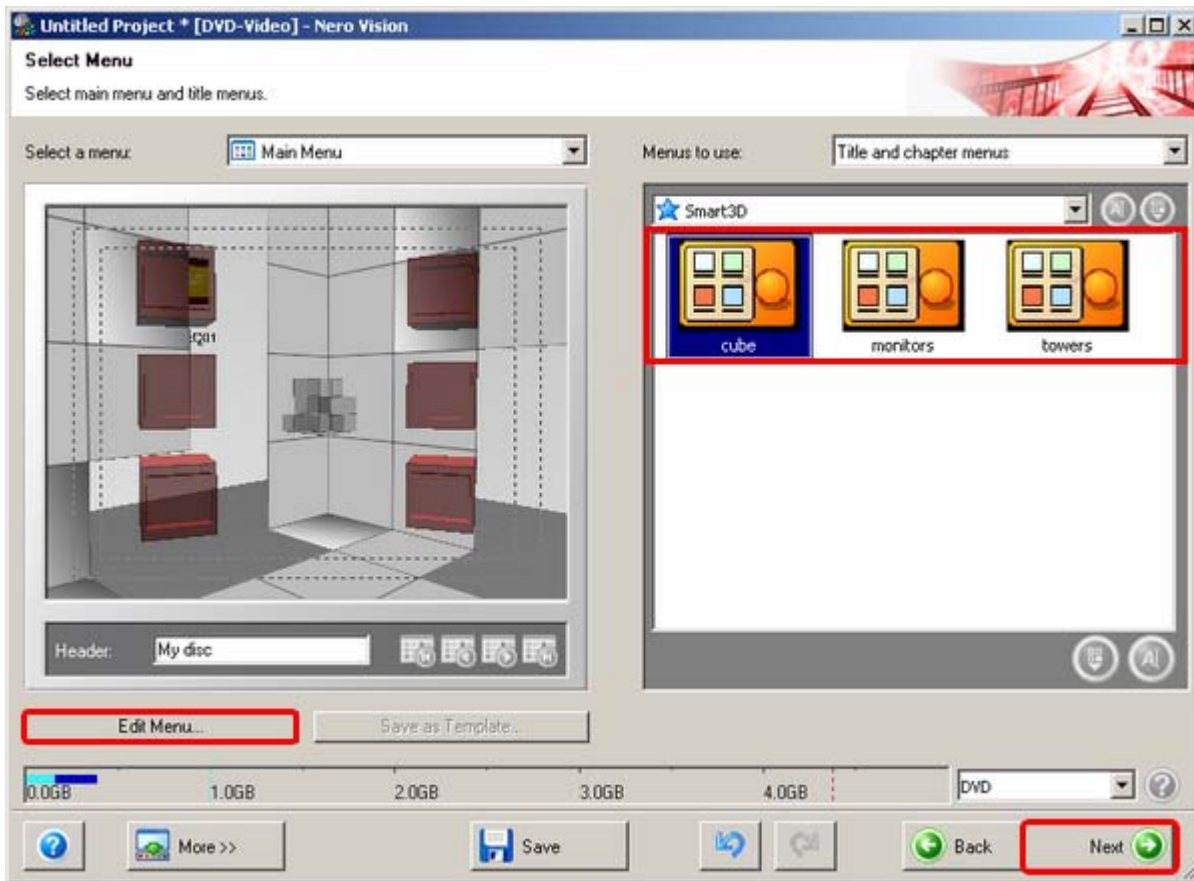
Proceed as follows to choose an animated introduction and three-dimensional video transitions to your video menus:

1. Select the **Smart3D** template group in the drop-down menu.



> The Smart3D templates will be listed.

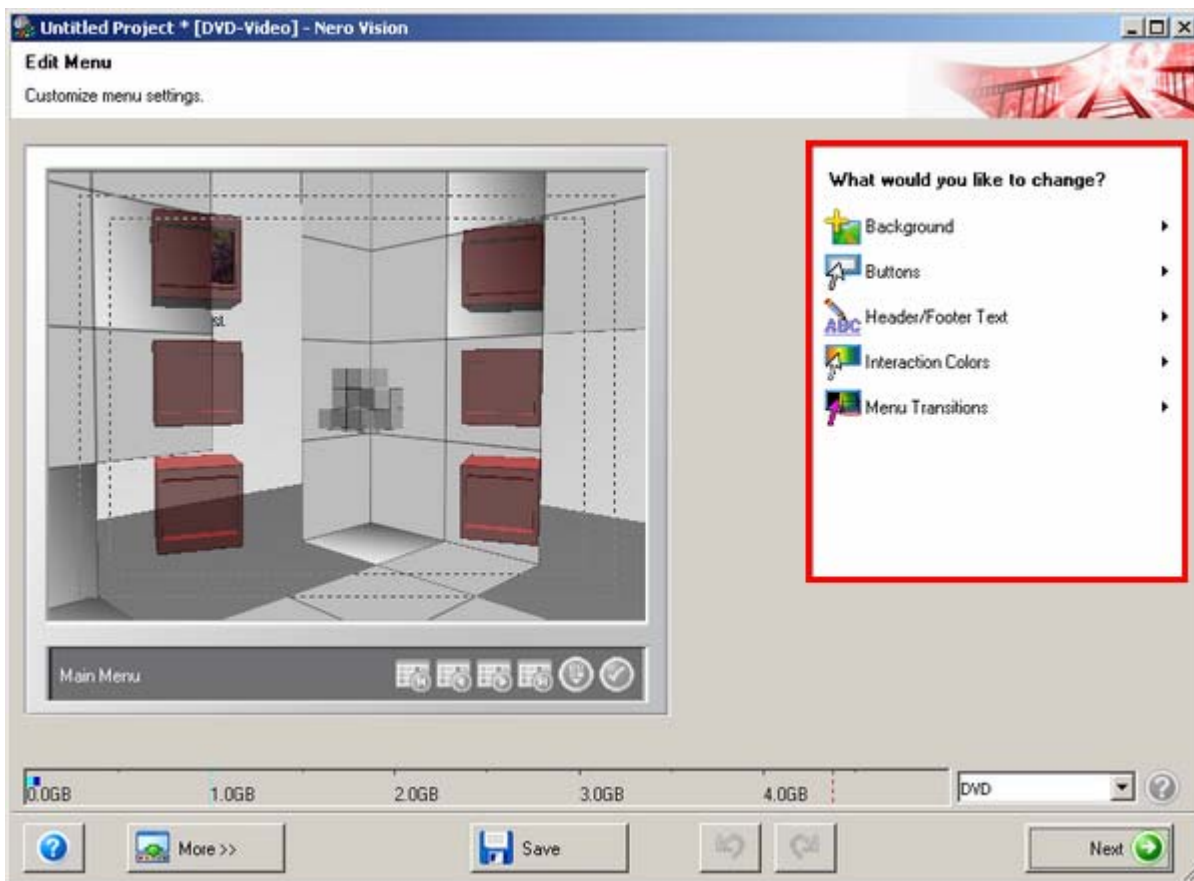
2. Click on the desired template.



>> You have selected a Smart 3D template for your project.
Click on the **Next** button if you want to switch to the **Preview** window.
Click on the **Edit Menu** button if you want to customize the settings on your Smart3D menu.

Menu Settings

You can change the individual menu settings in the **Edit Menu** window.




The following entries are available:

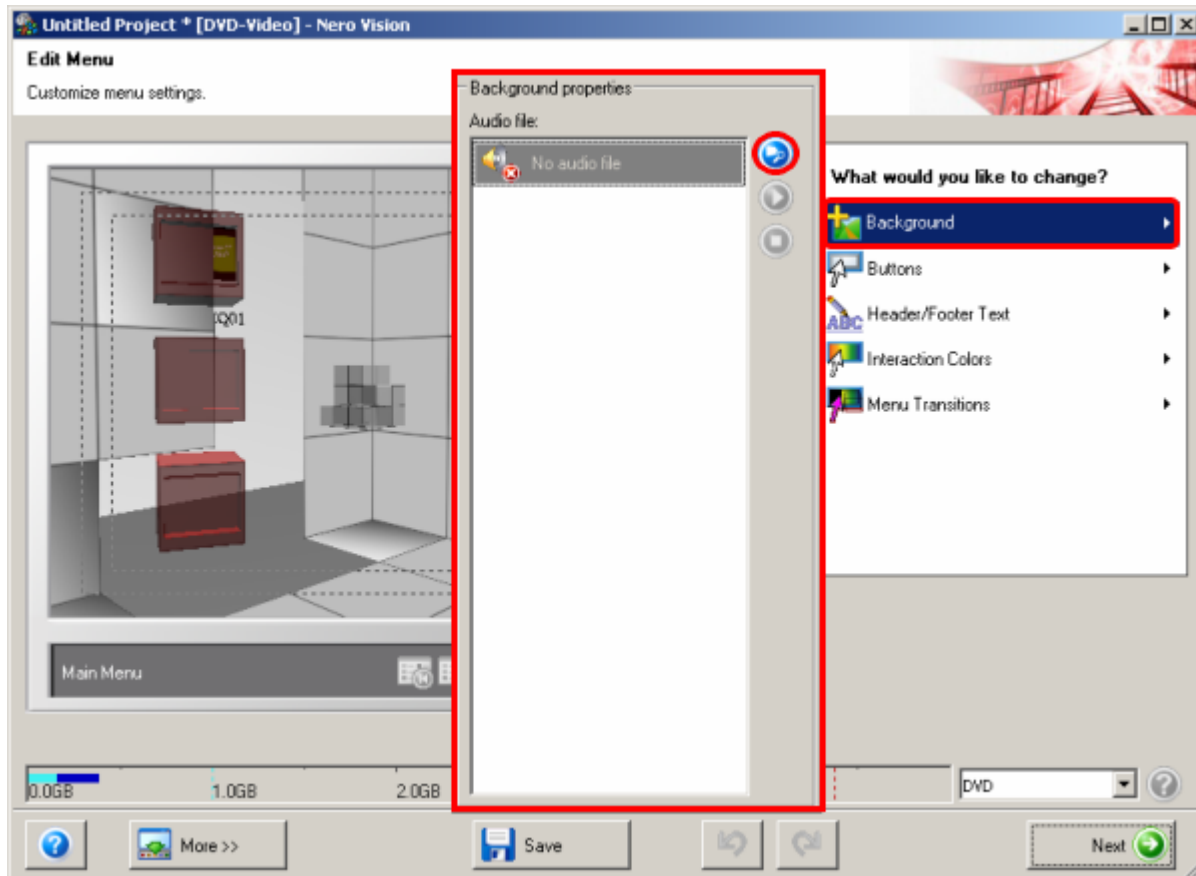
Background	Selects audio files which will be used for the menu background music.
Buttons	Defines the display of the menu buttons.
Header/Footer Text	Defines which text entries are shown in each of the menus.
Interaction Colors	Adapts the color of the DVD menu buttons in their Highlight and Activation states.
Menu Transitions	Defines which transitions will be played in the menu.

Changing Background Music


All Smart3D templates already include background music. Audio files are available for menu transitions as well as for animated menus. You can choose your own audio files to attach to the menu yourself under the **Background** selection entry.

 The background music of the respective transitions have a standard audio file that cannot be changed or deactivated.

Proceed as follows to select an audio file and to add it to your menu:



1. Choose the **Background** selection entry.
 - > The **Background properties** window will open.
2. Click on the button.
 - > The **Open** window will open.
3. Select the desired audio file.

 The duration of audio playback is 20 seconds. A longer audio file will be stopped after 20 seconds and repeated from the beginning in a 20 seconds loop. Shorter audio files will have silence added to them.

4. Click on the **Open** button.
 - > The audio file was added to the selection.

5. Select the desired audio file out of the provided list.

>> You have added individual background music to your Smart3D menu.

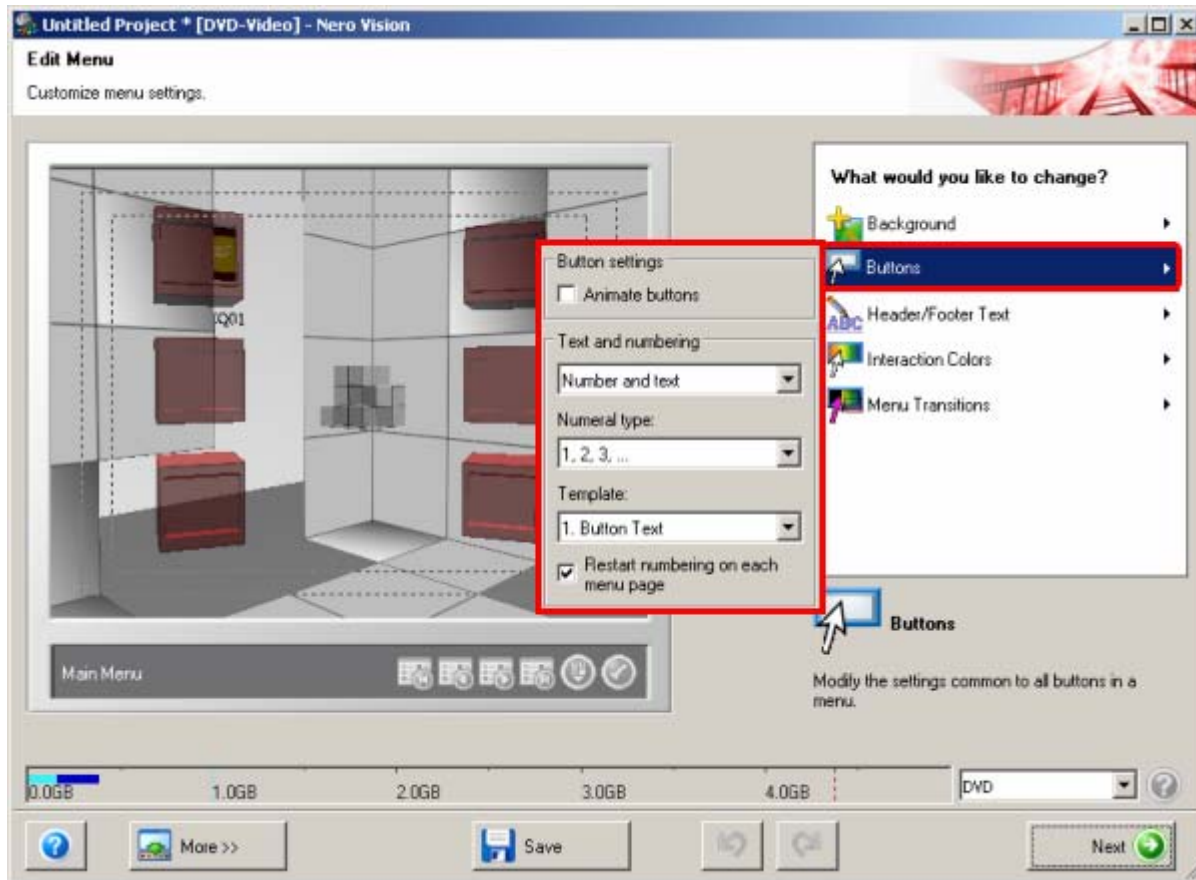
Click on one of the remaining selection entries if you want to adjust further settings to your menu.

Click on the **Next** button if you want to go back to the **Select Menu** window.

Button Settings

You can select the display of the menu buttons yourself under the **Buttons** selection entry.


Proceed as follow to change the settings for the buttons:



1. Choose the **Buttons** selection entry.

> A new window will open.

2. Choose your desired settings.

 A preview of the current video will be shown in the respective menu button if the **Animate buttons** option button is activated.

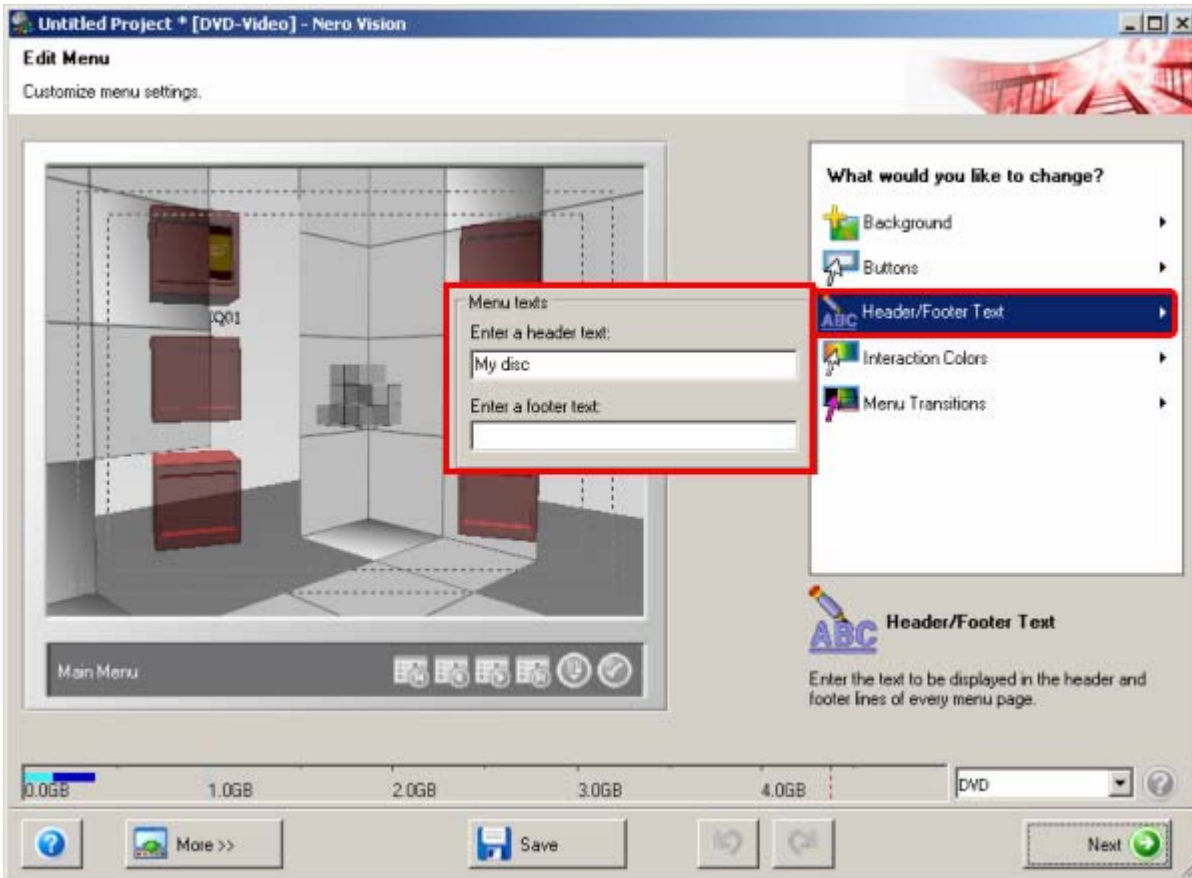
>> You have adapted the buttons of your Smart3D menu.

Click on one of the remaining selection entries if you want to adjust further settings to your menu. Click on the **Next** button if you want to go back to the **Select Menu** window.

Enter Header and Footer Text

You can enter the text of your choice under the **Header/Footer Text** selection entry. This text will be displayed in all of the menus.

Proceed as follows to enter text into the header and footer:



1. Select the **Header/Footer Text** selection entry.

> The **Menu Texts** window will open.

2. Enter the desired text into the input fields.

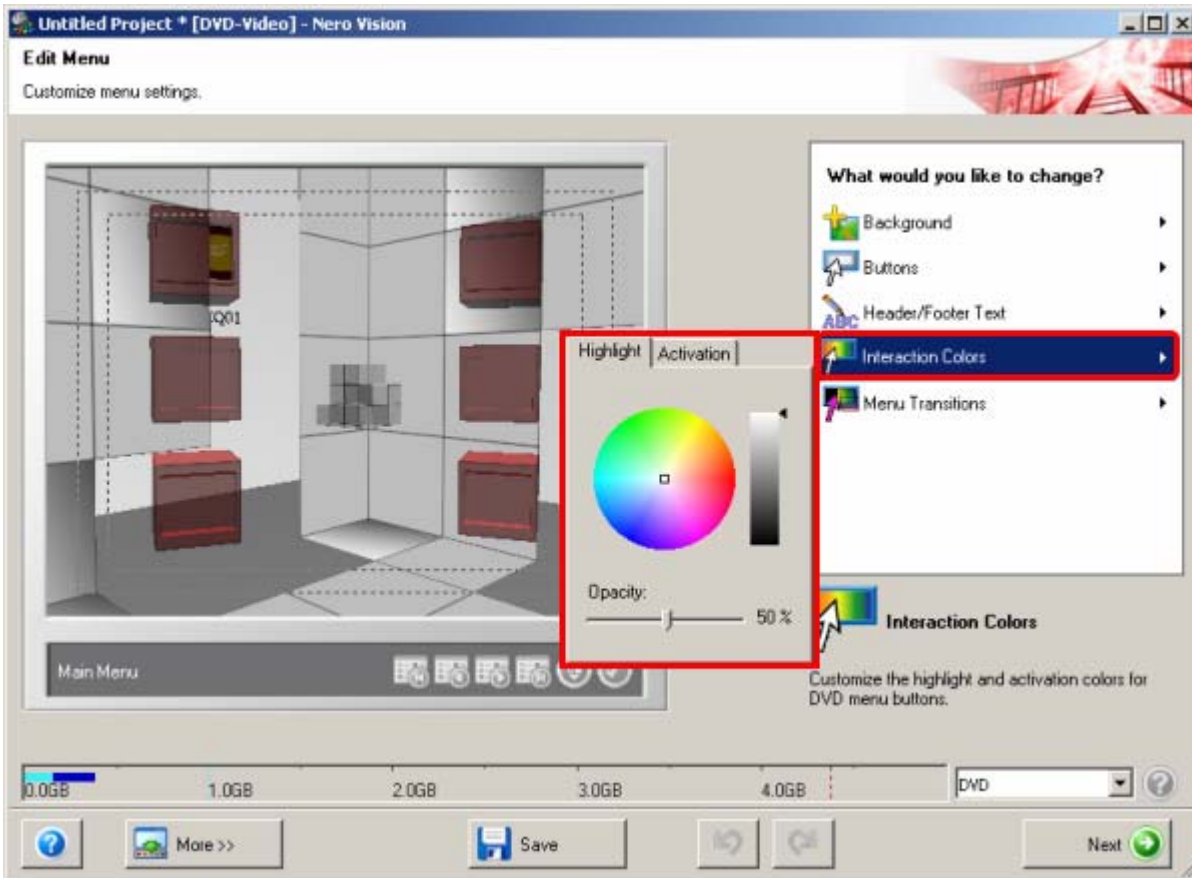
>> You have added text to the header and/or footer of your Smart3D menu.

Click on one of the remaining selection entries if you want to adjust further settings to your menus. Click on the **Next** button if you want to go back to the **Select Menu** window.

Adjust Interactive Colors

Go into the **Interaction Colors** selection entry to choose the color for the **Highlight** and **Activation** states of the DVD menu buttons.

Proceed as follows to change the button colors:



1. Select the **Interaction Colors** selection entry.

> A dialog window will open.

2. Click on the **Highlight** tab to apply the chosen color to the currently selected button.

3. Click on the **Activation** tab to apply the chosen color of the activated button.

>> You have changed the interaction colors of your Smart3D menu.

Click on one of the remaining selection entries if you want to adjust further settings to your menu. Click on the **Next** button if you want to go back to the **Select Menu** window.

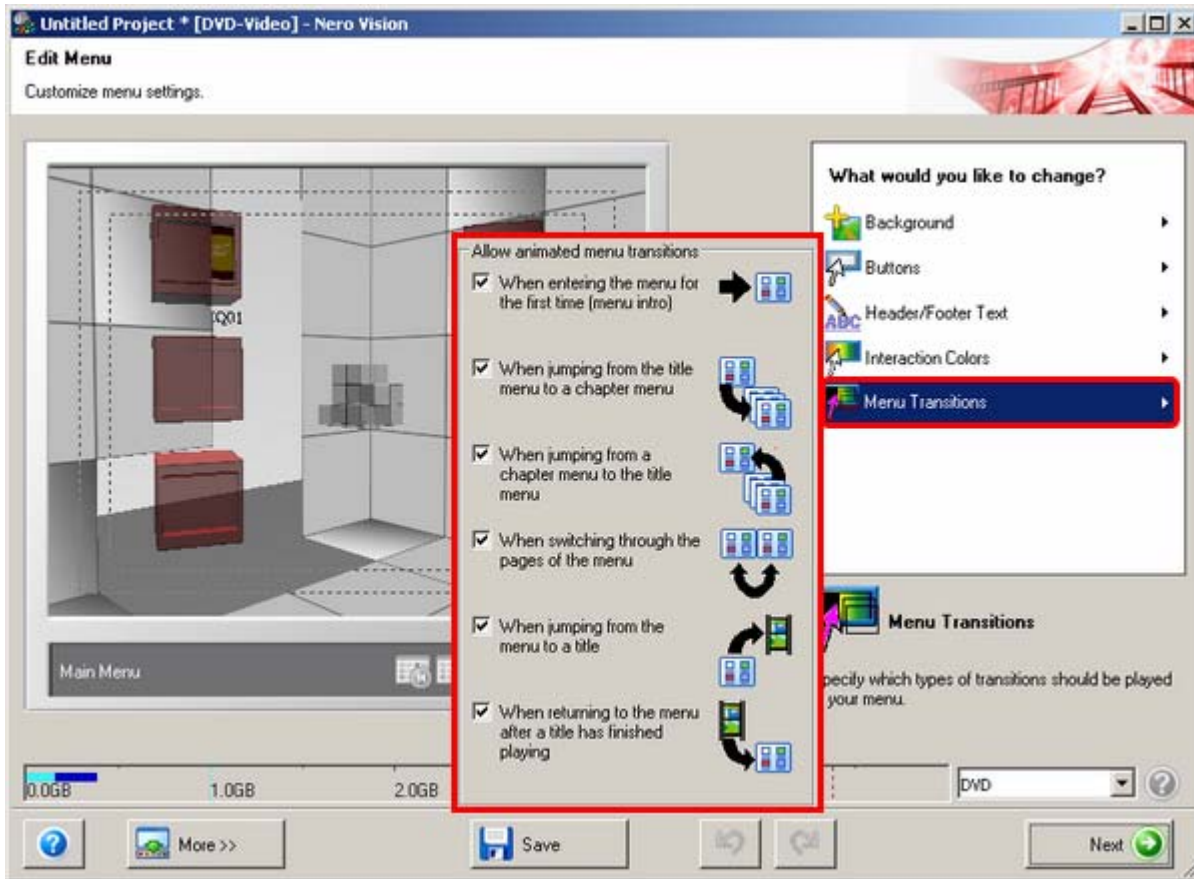
Activate/Deactivate Menu Transitions

You can define which transitions are to be played in your menu under the **Menu Transitions** selection entry.



All animated menu transitions are activated by default.

Proceed as follows to activate or deactivate individual menu transitions:



1. Select the **Menu Transitions** selection entry.

> The **Allow animated menu transitions** window will open.

2. Activate or deactivate the desired checkbox.



Activated menu transitions are only available if the selected menu style supports them.

The following checkboxes are available:

When entering the menu for the first time (menu intro)	Plays an introductory animation the first time the DVD is started.
When jumping from the title menu to a chapter menu	Plays an animation when one jumps between a video's title menu and the chapter menu. This transition only appears when chapter marks have been defined.
When jumping from a chapter menu to the title	Plays an animation when one jumps from the

menu	chapter menu to the title menu.
When switching through the pages of the menu	Smart3D menus show a maximum of 6 buttons on one page. For that reason the buttons will be distributed among several pages if necessary. An animation will play when switching to another menu page.
When jumping from the menu to a title	Plays an animation as a transition between a menu and the start of the actual video (title).
When returning to the menu after a title has finished playing	Plays an animation as a transition if the menu is activated again after a title has been played.

>> You have adjusted the menu transitions for your Smart3D menu.

Click on one of the remaining selection entries if you want to adjust further settings to your menu.

Click on the **Next** button if you want to go back to the **Select Menu** window.

Finishing the Project

The current project is simulated in the **Preview** screen. The display and the behavior of the simulation match those on a burned DVD.

Proceed as follows to finish your project:

1. Check the result of your project under **Preview** and click on **Next** if the project is to your liking.

> The **Burn Options** window will open.

2. Choose your burning option(s).

3. Click on the **Burn** button.

>> The encoding and burning procedure is under way.

You have successfully finished your DVD video project with the Smart3D menu.