

Minimal Customization of Rockbox Themes on iPod Classic 5

Here I will explain how to minimally customize pre-made themes on an iPod Classic 5 using the **Rockbox** firmware.

First, we need to download the ready-made theme. I am using the **iPodOS Theme Made by @churbum**. It contains four main **directories** (folders):

- 1 fonts – Fonts
- 2 icons – Icons
- 3 themes – Themes
- 4 wps – While Playing Screen

1. fonts

This **directory** contains font files with the **.fnt** extension, which we simply transfer into the **fonts directory** on the iPod running Rockbox.

2. icons

The "iPodOS" theme uses default icons, so we don't even need to transfer them to the iPod because they are already present in the firmware files, and their names and references are identical.

3. themes

This **directory** stores a file with the **.cfg** extension. It can be customized or simply viewed using a text editor, such as **Visual Studio Code (VSC)**. We transfer this file to the **themes directory** on the iPod with Rockbox. (We will be interacting with it later).

4. wps

The **wps** **directory** contains: a. The **directory** **iPodOS** – (the name of the theme). Inside this **directory** are files with the **.bmp** extension. These are various icons and background images. b. A file with the **.wps** extension – this is the code (the Now Playing screen script).

What We Will Change

- 1 Change the menu background color (background color).
- 2 Change the text color (foreground color).

- 3 Change the cursor/selector color (line selector start color).
- 4 Change the text color when the cursor is over it (line selector text color).
- 5 Change the player background (set a different image on the music playback screen).

Let's start!

Part 1: Changing Colors (Items 1–4)

To do this, we need to:

- 1 Open the `iPodOS.cfg` file using VSC.
- 2 Go to a website like <https://colorscheme.ru/html-colors.html> (or any other resource for obtaining **hexadecimal HEX color codes**).
 - For example, the code for red is: `800000`.

Example of changing the menu background color:

Find the line in the file that corresponds to the background color, for example:

Фрагмент коду

`background color: 000000`

Replace **000000** (black) with the desired code, for example, **800000** (red):

Фрагмент коду

`background color: 800000`

- Now save the changes: press **Command + S** (on Mac) or **Control + S** (on Windows).

Activating the Changes:

- Next, safely **eject** (disconnect) the iPod from the computer.
- On the iPod, go to **Settings -> Theme Settings -> Browse Theme Files -> iPodOS**.
 - *This step must be performed after every theme update for Rockbox to apply your new code changes.*

In this way, you can change the other items on the list (text color, cursor color, etc.) by editing the corresponding lines in the `iPodOS.cfg` file.

Part 2: Changing the Player Background (Item 5)

I left a photo on Google Drive that you can use to change the player background.

- 1 Navigate to the **directory** .rockbox/wps/iPodOS.
- 2 Locate the file **backdrop-wps.bmp** – this is the current player background.
- 3 **Copy the name of this file** (backdrop-wps).
- 4 Rename the photo you downloaded to the name you copied (backdrop-wps). **THIS IS IMPORTANT!**
- 5 Delete the original backdrop-wps.bmp file from the .rockbox/wps/iPodOS **directory** and **paste** the new photo with the same name (i.e., replace the file while keeping the original filename).
 - *Make sure your new image has the .bmp extension and matches the iPod screen resolution.*
- 6 Next, safely **eject** (disconnect) the iPod from the computer.
- 7 On the iPod, go to **Settings -> Theme Settings -> Browse Theme Files -> iPodOS**, start a track, and you will see that the background is now different.

Telegram channel: <https://t.me/AppleNewsUkr>

GitHub: <https://github.com/DmytroListenin98>

Made by @DListenin.