

MusicColorer: Installation and User Manual

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1. INSTALLATION

1.1. Manual Installation (Windows, Unix, Linux)

- (1) Install Python
 - (a) Download the most recent version of Python 3 for your operating system from python.org.
 - (b) Follow their directions to install. Make sure pip is installed as well.
 - (c) Open a command line window and type “python --version.” If the current version of Python is printed, it was installed properly.
- (2) Open a command line window with root or administrative privileges and type “pip install music21 colour”
- (3) Extract the MusicColorer .zip file to the directory where you want to install it.
- (4) Open a command prompt or terminal window and navigate to the directory where you extracted the MusicColorer files. Type “python Start-GUI.py” and the app will start.

1.2. Compiled executable (Windows only)

- (1) Double-click on “MusicColorer1.exe” to run the app.



Fig. 1. Ding!

2. USER GUIDE

This section will explain how to process a score with MusicColorer. The appearance of the GUI will vary between operating systems.

- (1) Select the file to be processed (fig. 1). Music notation files must be in one of the formats shown in fig. 2.

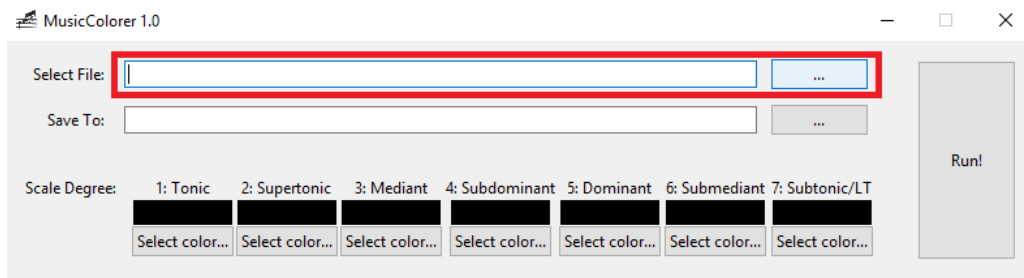


Fig. 2. Use button to right of field to open a file dialog window

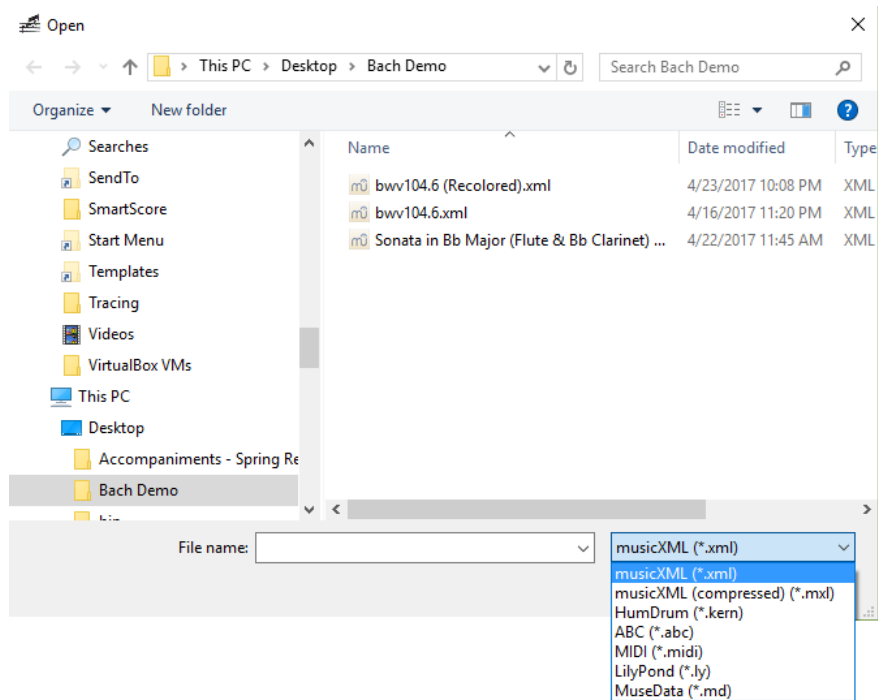


Fig. 3. Compatible MusicColorer File Formats (file dialog)

- (2) Select the output directory (fig. 3). The recolored score will be saved as the following: *< Directory > / < OldFileName > (Recolored).xml*

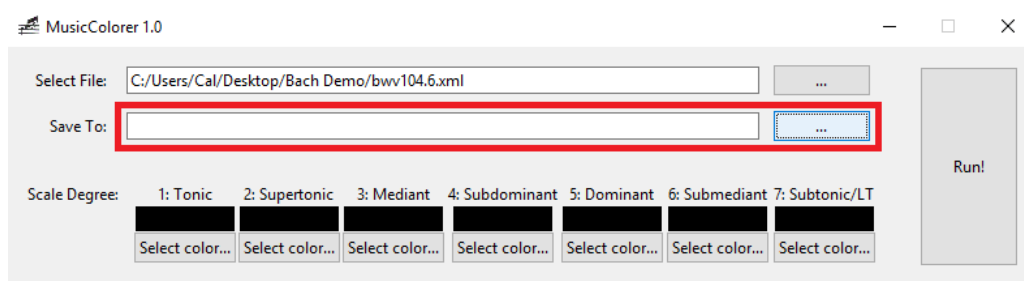


Fig. 4. Output directory selection

- (3) For each color, click the “Select color...” buttons beneath the scale degree label to open a color-chooser dialog. The black box will change to the selected color, as in fig. 5. Do this for all of the scale degrees you would like to color; colors not selected are left black by default.

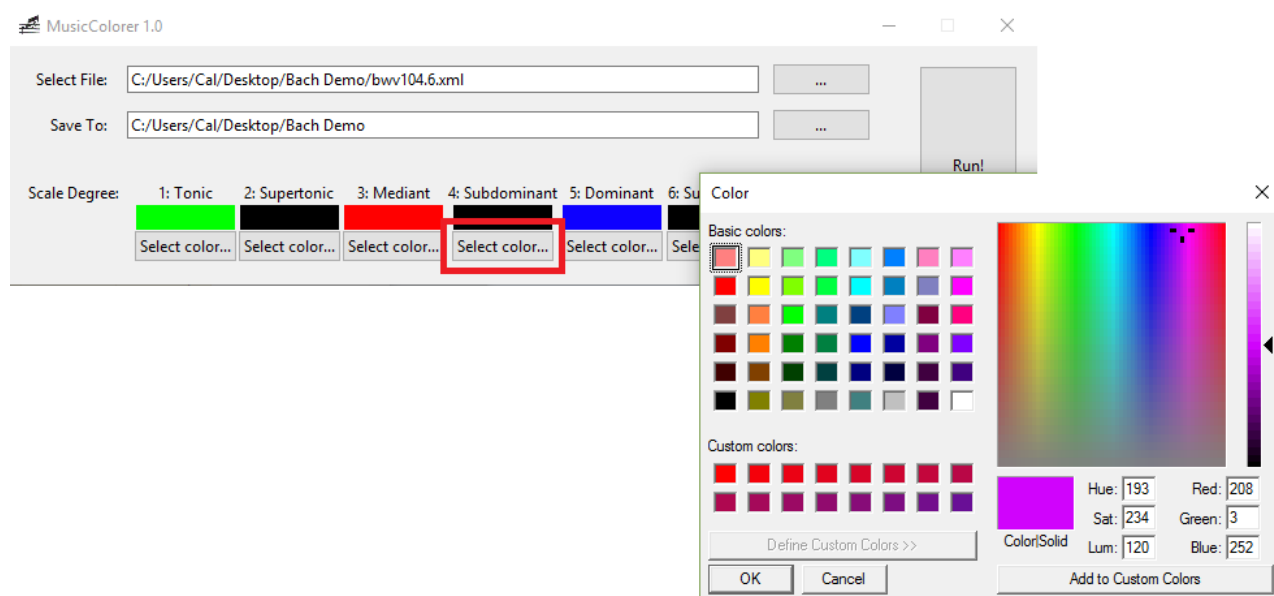


Fig. 5. Color-chooser dialog

- (4) After selecting the MusicColorer parameters above, click the “Run!” button (fig. 5). The program will check the parameters and produce a dialog window confirming they are valid (fig. 6). When the job completes, the confirmation dialog will appear (fig. 7). MusicColorer may take several minutes to complete if the score has many measures or parts. To view the newly recolored file, open it with a music engraving or editing software like MuseScore, Sibelius, or Finale.

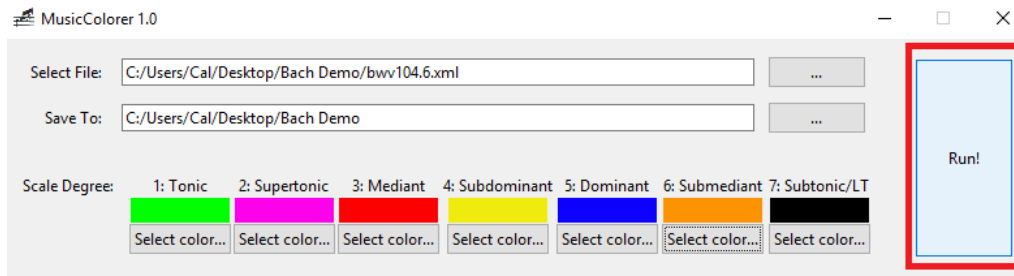


Fig. 6. “Run!” button

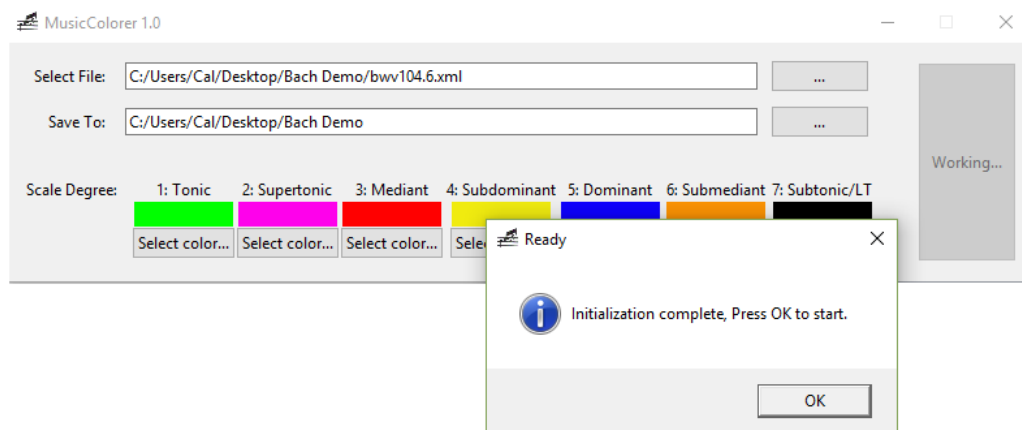


Fig. 7. Initialization confirmation dialog

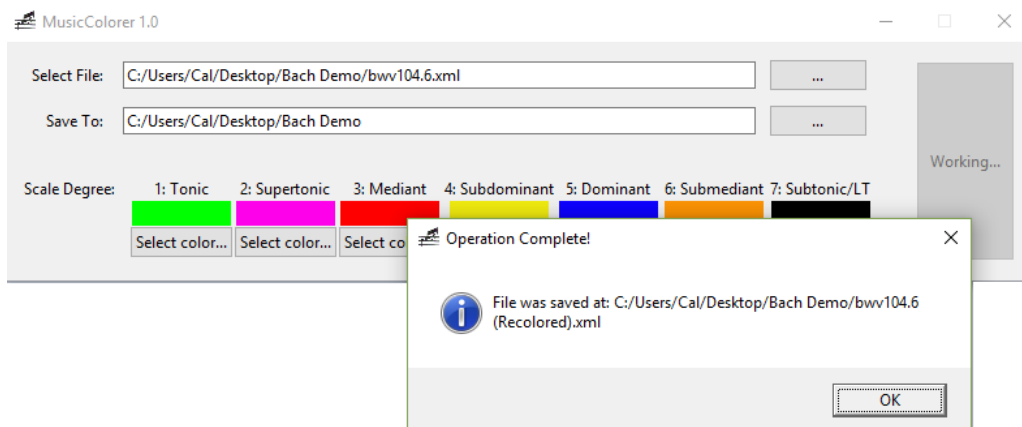


Fig. 8. Job completion dialog