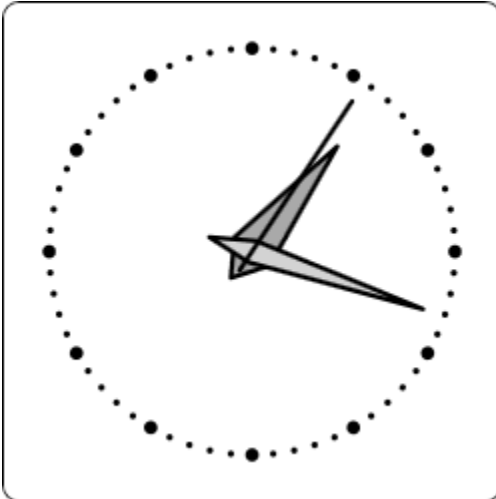


WPF Analog Clock Application

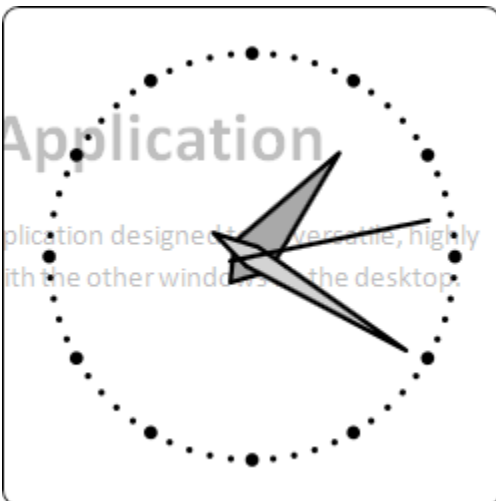
The WPF Analog Clock Application is a desktop clock application designed to be versatile, highly configurable, and to cause the least amount of interference with the other windows on the desktop. The colors and behavior are very flexible with many choices and options. More than 140 colors are available for all aspects of the UI, including transparent. All of these settings are stored in the registry; the clock doesn't ever write a file to the system.



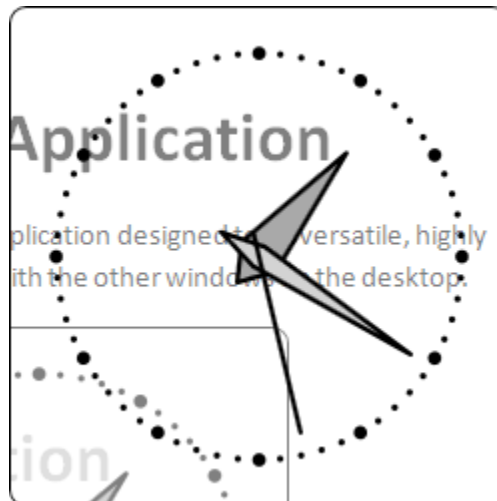
How it looks with initial default settings:

- Show second hand
- Show hour and minute marks
- White background
- Black square border
- 100% background opacity

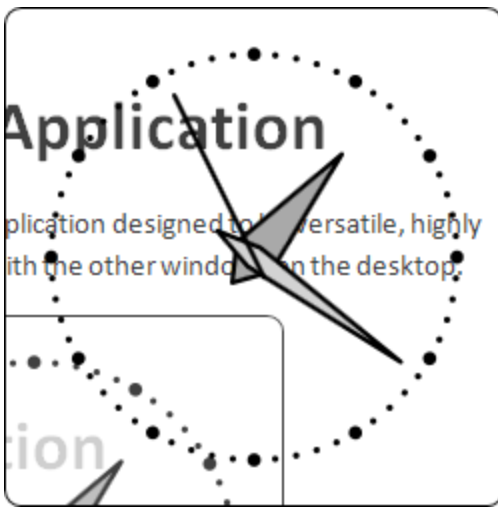
Background opacity can be adjusted:



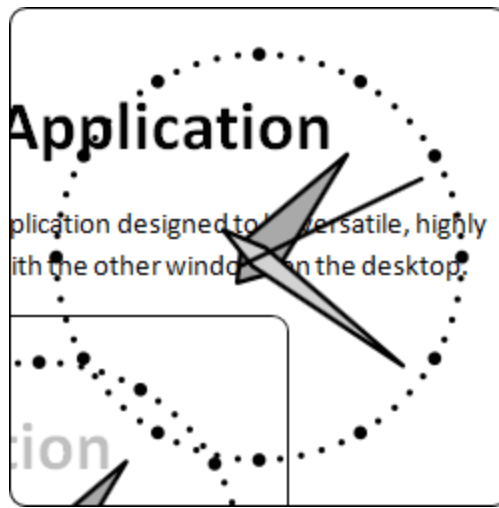
75% background opacity



50% background opacity



25% background opacity

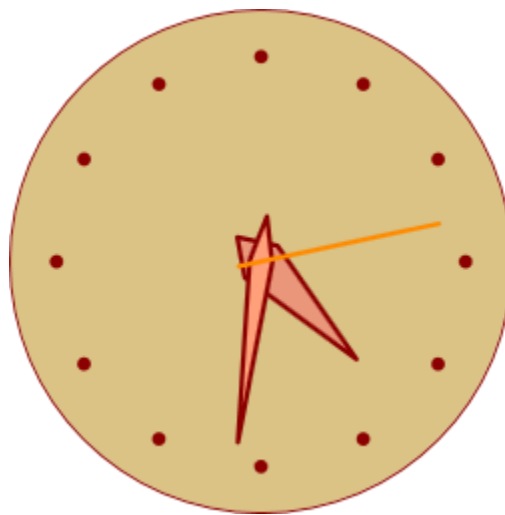


See-through mode

A mouse-over option is available in See-through mode:



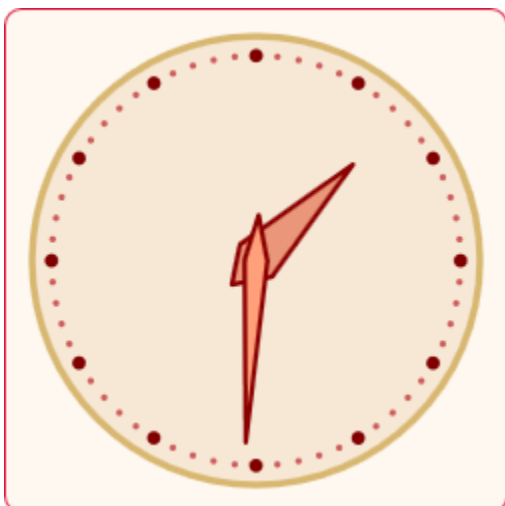
See-through mode without mouse



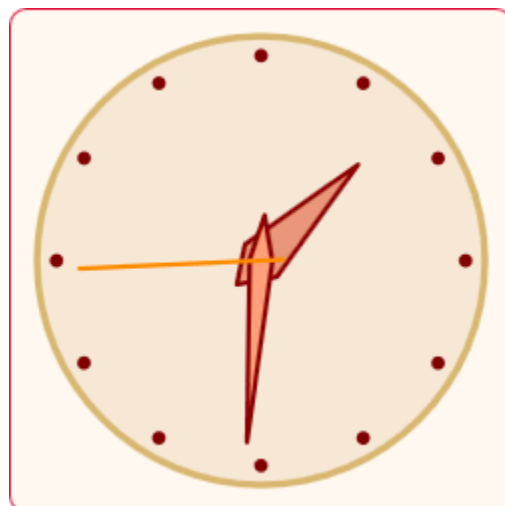
Mouse over in See-through mode

As can be seen in the images above, the border can be made round with a menu option.

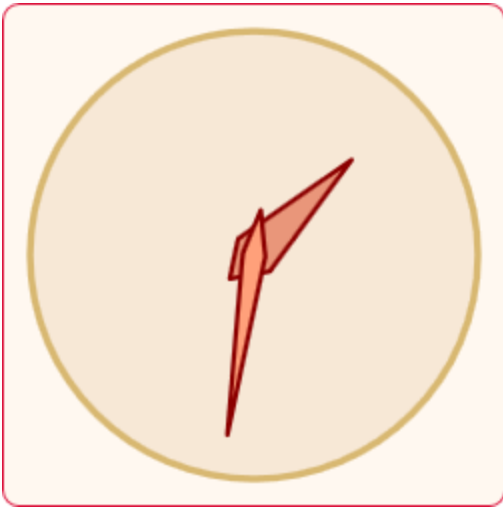
The clock image may be customized:



The second hand can be hidden



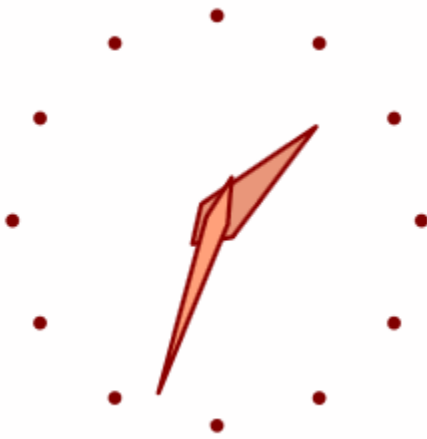
Minute marks may be hidden



Hour marks may hidden



Window border only



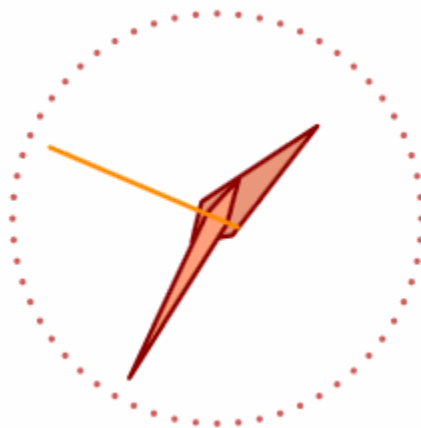
Hour marks only



No marks, outlines, or background

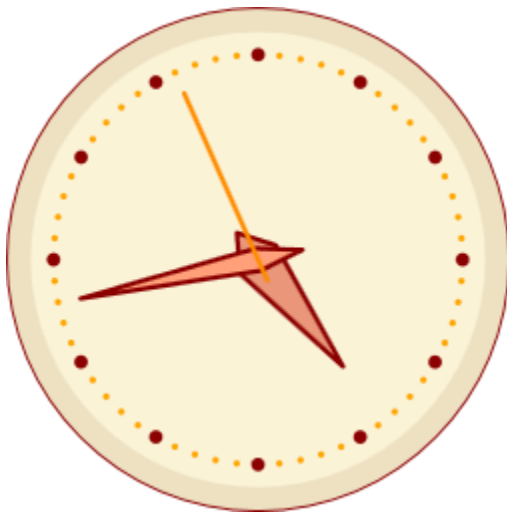


With second hand

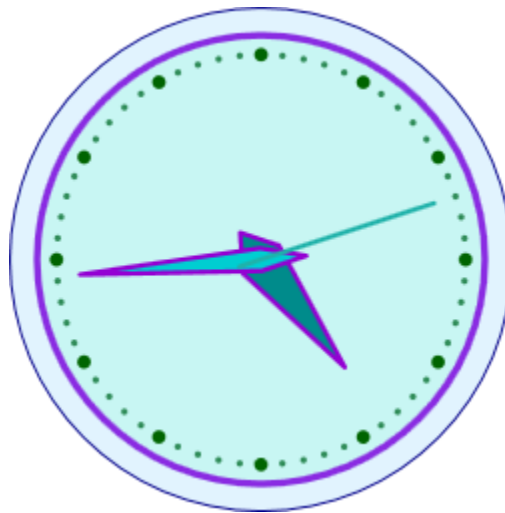


Minute marks only

The colors of the analog clock face may be changed:



Warmer colors

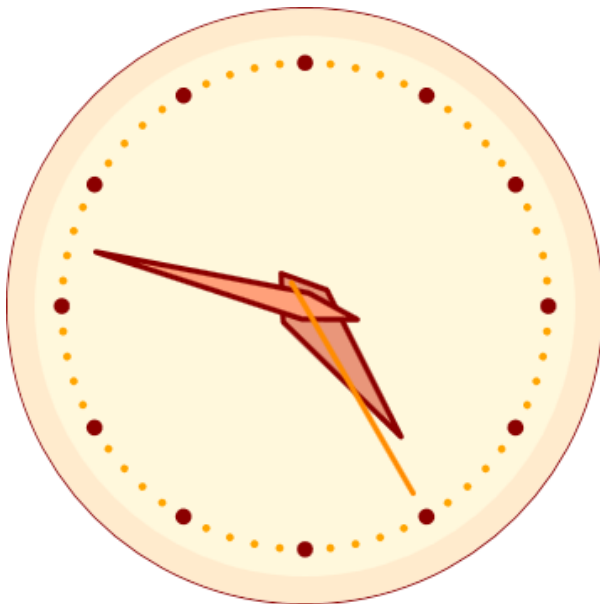


Cooler colors

There are ten color selections available for the analog clock:

1. Border color (thickness and corner rounding are also adjustable)
2. Window background color
3. Clock face (with variable opacity as well)
4. Clock outline (also with variable opacity)
5. Hour and minute hand outline colors
6. Hour hand fill color
7. Minute hand fill color
8. Second hand color (may also be hidden)
9. Hour mark color (may also be hidden)
10. Minute mark color (may also be hidden)

The clock can be resized with the PgUp/PgDn keys and with the mousewheel:



It can be made larger,



or smaller.

The clock can be maximized to take up the entire width or height of the screen, whichever is less. The End key maximizes, and the Home key restores the size before changing.

The user interface is through a right-click context menu. It contains all the options for adjusting the appearance to one's preferences:

- Always on top (ctrl T), defaults to off.
- Draggable (defaults to on).
- Resizable (defaults to on).
- Maximizable (defaults to off).
- Maximize (End key).
- Normal (Home key).
- Increase border thickness (+ key).
- Decrease border thickness (- key).
- Round border (only available when the analog clock is shown alone without the time or date).
- Increase corner radius (ctrl +).
- Decrease corner radius (ctrl -).
- The second hand can move continuously or in steps, or can be hidden.
- The hour marks can be hidden.
- The minute marks can be hidden.
- An inner clock border can be shown or hidden, and its color and opacity can be adjusted.
- Display Mode to select the display modes shown above (ctrl P cycles through them all).
- Window background and clock face opacity may be changed.
- There is an option for starting the clock automatically each time Windows is started. If a theme is selected, it will be used when the clock is restarted.

Notes about the color menus:

- The colors menus all show the color in the background in each menu item. The text color has been changed for each color to stand out against the background.
- In the event that any color name is difficult to read, each color item has a tooltip that will display the name when the mouse is left in place over the menu item briefly.

Several keystrokes can be used in addition to those listed above:

- Ctrl-M toggles an option to highlight the background when the mouse moves over the window.
- Ctrl-I toggles showing an icon in the taskbar (default is off).
- Ctrl-H hides the clock and creates a systray icon. The clock can be restored by either clicking on the systray icon (at which point the icon is removed from the systray since that's its only purpose) or by launching the app again, which will reactivate the clock but not create another instance of it (unless the /m command line switch is used, described below).
- Ctrl-S toggles the option to display the second hand.

There are options for storing themes, which save all current settings under a user-defined theme name:

- Add new theme with a theme name.
- Load a previously defined theme.
- Delete a previously defined theme; there will be a prompt to verify the intention to do this.
- Save any changes made to the theme in use.
- Restore the last-saved theme settings to override any changes made after loading it.

There are menu options for managing the saved settings:

- Restore last-saved settings (this will override the theme last loaded).
- Save current settings (does not affect the theme, if one was loaded).
- Save settings and close the app (also does not affect any theme loaded).
- Close the app without saving the settings.
- There is also an option for shutting down the clock and removing the registry settings (to make it easy to uninstall by closing the clock with this option and then deleting the WpfAnalogClock exe).