

NeoSkin for VisualNEO Win - User Manual

NeoSkin gives a compiled VisualNEO application a Dark or Light look and custom colors from a single skin file (.ini). It themes the native controls (text entries, lists, combo boxes, scroll bars, dialogs), colors the title bar and exports [Skin.*] variables so your script can color the objects that VisualNEO paints itself (rectangles, text, buttons).

Requirements: Windows 10 1809 or later for native Dark/Light mode (custom colors work on any Windows). Windows 11 for title bar colors.

Installation

Copy NeoSkin.nbp into the VisualNEO Win "Plugins" folder and restart VisualNEO. Put your skin files in a "Skins" folder next to your publication.

COMMANDS

NeoSkin_Apply "SkinFile" "Subroutine"

Loads a skin file and applies it: mode, control colors, title bar. Exports every key of the skin's [Objects] section as [Skin.Key]. "Subroutine" (optional) is a subroutine to run afterwards, e.g. one that calls SetObjectFill / SetObjectFont with the [Skin.*] values. Use "" and call GoSub yourself if you prefer.

Example: NeoSkin_Apply "[PubDir]Skins\Midnight.ini" "SkinObjects"

NeoSkin_SetMode "Dark|Light|System"

Quick switch with built-in default colors. "System" = Windows look.

NeoSkin_SetColors "ControlBack" "ControlText" "PageBack"

Background and text color of text entries, lists and combo boxes, and the backdrop color drawn behind check boxes/radios. Leave a value "" to keep the current one.

NeoSkin_SetTitleBar "Back" "Text"

Title bar background and text color (Windows 11). "" = Windows default.

NeoSkin_SetAccent "Color" "On|Off"

Accent color used for glyphs (check boxes, radios, track bars in dialogs). Second parameter turns custom glyph drawing on or off.

NeoSkin_BeginUpdate

NeoSkin_EndUpdate

Freeze repainting between the two calls so a whole skin change (plugin commands plus your SetObject* lines) appears in one frame instead of control by control. Nestable; Apply/SetMode/SetColors/Reset use it too.

NeoSkin_Refresh

Re-scan all windows now (after creating controls or opening a dialog with AutoRefresh off).

NeoSkin_AutoRefresh "On|Off"

Automatically theme new controls, pages and dialogs (every 250 ms). Starts automatically with any mode.

NeoSkin_Reset

Back to the stock Windows appearance.

NeoSkin_GetInfo

Fills [Skin.Build], [Skin.Supported] (1 = dark mode capable), [Skin.Version], [Skin.AutoRefresh] and the color variables.

COLORS

Accepted everywhere: R,G,B - #RRGGBB - RRGGBB - decimal TColor - or a basic name (Black, White, Red, Green, Blue, Yellow, Gray, Silver, Navy, Teal, Purple, Maroon, Olive, Orange).

VARIABLES WRITTEN

[Skin.Name] [Skin.File] [Skin.Mode] [Skin.ControlBack] [Skin.ControlText] [Skin.PageColor]
[Skin.TitleBar] [Skin.TitleText] [Skin.Accent] [Skin.LastError] [Skin.Build] [Skin.Supported]
[Skin.Version] plus one [Skin.Key] per key of the skin's [Objects] section. Colors are published as R,G,B, ready for SetObjectFill / SetObjectLine / SetObjectFont.

SKIN FILE (.ini)

```
[NeoSkin]
Name=Midnight
Mode=Dark                Dark | Light | System
ControlBack=#1E1E2E      text entries, lists, combos
ControlText=#E6E6F0
PageBack=#14141F         backdrop behind check boxes / radios
TitleBar=#3E2A6F         Windows 11 only (optional)
TitleText=#FFFFFF
Accent=#3D64F9           glyph accent (optional; defaults to AccentColor below)
ArticleText=0n           also recolor Article (RichEdit) text
Glyphs=0n                Off = native Windows glyphs

[Objects]                free-form: every key becomes [Skin.Key]
PageColor=#14141F
PanelColor=#1E1E2E
AccentColor=#3D64F9
AccentText=#FFFFFF
TextColor=#E6E6F0
LineColor=#3A3A55
ButtonFill=#2A2A40
ButtonText=#E6E6F0
Font=Segoe UI
```

Do not put comment lines in the .ini file.

MINIMAL USE

Page enter action:

```
NeoSkin_Apply "[PubDir]Skins\Midnight.ini" "Skin0Objects"
```

Subroutine:

```
:Skin0Objects
SetObjectFill "PageBack" "[Skin.PageColor]" "Solid" "False"
SetObjectFont "Heading" "[Skin.TextColor]" "[Skin.Font]" "14" "Bold" "DEFAULT_CHARSET"
SetObjectFill "OkButton" "[Skin.ButtonFill]" "Solid" "False"
SetObjectFont "OkButton" "[Skin.ButtonText]" "[Skin.Font]" "10" "Normal" "DEFAULT_CHARSET"
Return
```

There is no runtime command to change the page color itself; use a full-page rectangle at the back of the page (the demo calls it "PageBack").

Note: VisualNEO's own CheckBox, RadioButton and TrackBar objects paint their own glyphs; color their captions and fills with SetObjectFont / SetObjectFill.