



Gnome::Gtk3::ColorButton

A button to launch a color selection dialog

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Description

The `Gnome::Gtk3::ColorButton` is a button which displays the currently selected color and allows to open a color selection dialog to change the color. It is suitable widget for selecting a color in a preference dialog.

Css Nodes

`Gnome::Gtk3::ColorButton` has a single CSS node with name `button`. To

differentiate it from a plain `Gnome::Gtk3::Button`, it gets the `.color` style class.

See Also

`Gnome::Gtk3::ColorSelectionDialog`, `Gnome::Gtk3::FontButton`

Synopsis

Declaration

```
unit class Gnome::Gtk3::ColorButton;  
also is Gnome::Gtk3::Button;
```

Example

Methods

new

...

```
multi method new ( :$widget! )
```

Create an object using a native object from elsewhere. See also `Gnome::GObject::Object`.

```
multi method new ( Str :$build-id! )
```

Create an object using a native object from a builder. See also `Gnome::GObject::Object`.

gtk_color_button_new

* Creates a new color button. * This returns a widget in the form of a small button containing a swatch representing the current selected color. When the button is clicked, a color-selection dialog will open, allowing the user to select a color. The swatch will be updated to reflect the new color when the user finishes. *

```
method gtk_color_button_new ( --> N-GObject )
```

Returns N-GObject; a new color button

[gtk_color_button_] new_with_rgba

* Creates a new color button. *

```
method gtk_color_button_new_with_rgba ( N-GObject $rgba --> N-GObject )
```

- N-GObject \$rgba; A [Gnome::Gdk3::RGBA](#) to set the current color with
Returns N-GObject; a new color button

[gtk_color_button_] set_title

* Sets the title for the color selection dialog.

```
method gtk_color_button_set_title ( Str $title)
```

- Str \$title; String containing new window title

[gtk_color_button_] get_title

* Gets the title of the color selection dialog. *

```
method gtk_color_button_get_title ( --> Str )
```

Returns str; An internal string, do not free the return value

Types

-

Signals

Register any signal as follows. See also [Gnome::GObject::Object](#).

```
my Bool $is-registered = $my-widget.register-signal (
  $handler-object, $handler-name, $signal-name,
  :$user-option1, ..., $user-optionN
)
```

Supported signals

Unsupported signals

Not yet supported signals

color-set

The `color-set` signal is emitted when the user selects a color. When handling this signal, use `gtk_color_button_get_rgba()` to find out which color was just selected.

Note that this signal is only emitted when the user changes the color. If you need to react to programmatic color changes as well, use the `notify::color` signal.

```
method handler (  
    :$widget,  
    :$user-option1, ..., $user-optionN  
);
```

- `$widget`; the object which received the signal.

Handler Method Arguments

- `$widget`; This can be any perl6 widget with `Gnome::GObject::Object` as the top parent class e.g. `Gnome::Gtk3::Button`.
- `$event`; A structure defined in `Gnome::Gdk3::EventTypes`.
- `$nativewidget`; A native widget (a `N-GObject`) which can be turned into a perl6 widget using `.new(:widget())` on the appropriate class.
- `$user-option*`; Any extra options given by the user when registering the signal.