

# Converting Colors

Hex(651F2F)

Have a look what the booklet for  
Hex(651F2F) contains.

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# Color

**Hex(651F2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	651F2F
RGB	101, 31, 47
RGB Percent	40%, 12%, 18%
CMY	0.6039, 0.8784, 0.8157
CMYK	0.00, 0.69, 0.53, 0.60
HSL	346°, 53%, 26%
HSV	346°, 69%, 40%
XYZ	6.3699, 3.9519, 3.1164
YIQ	53.7540, 36.5840, 19.8160

# Conversions

## Conversions Part 2

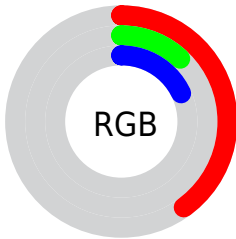
Format	Color
<a href="#">RYB</a>	<a href="#">101, 31, 47</a>
Decimal	<a href="#">6627119</a>
CIELab	<a href="#">23.51, 32.79, 6.95</a>
CIElCh	<a href="#">24, 33.514, 11.962</a>
Yxy	<a href="#">3.9519, 0.4740, 0.2941</a>
Android (android.graphics.Color)	<a href="#">4284817199 (0xFF651F2F)</a>
YUV	<a href="#">53.7540, -3.3297, 41.4347</a>
Hunter-Lab	<a href="#">19.8794, 22.4073, 4.6210</a>

# Details

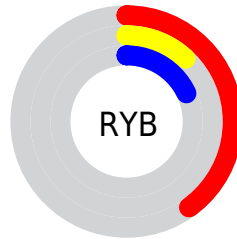
The Hex color **651F2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F6555**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9B505D**, and **330000** is the 20% darker color. If you saturate the color by 10%, you get **651527**, and if you desaturate by 10%, it is **652937**.

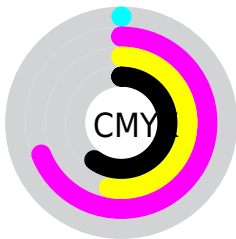
# Distribution



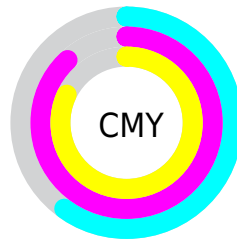
- Red (40%)
- Green (12%)
- Blue (18%)



- Red (40%)
- Yellow (12%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (88%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 651F2F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 651F2F by changing the saturation by 10% instead.



651F2F

651F2F

FFFFFF

4B041A

9B505D

330000

B86975

0C0000

D4838F

000000

F29EA9

FFB9C4

FFD5E0

FFF2FD

651F2F

651F2F

651527

652937

650B1F

65333F

650118

653D46

650017

65474E

655256

655C5E

656666

65706D

657A75

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5D2248



651F2F



602717

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



651F2F



1F400F



003F68

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



651F2F



1F6555

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004359



651F2F



004328

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



651F2F



3B3A00



004442



133869

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



651F2F



562E09



004442



004164



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



651F2F



82676D



551F65



423236



C2C2C2



424242



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



651F2F



82162F



65321F



332E2F



73001A



F20037



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



651F2F



82162F



1F5265



332E2F



73001A

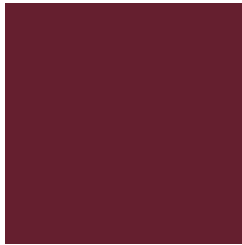


F20037



# Previews

## White Background



This preview shows how the Hex color 651F2F looks on a white background.

## Color Contrast Check

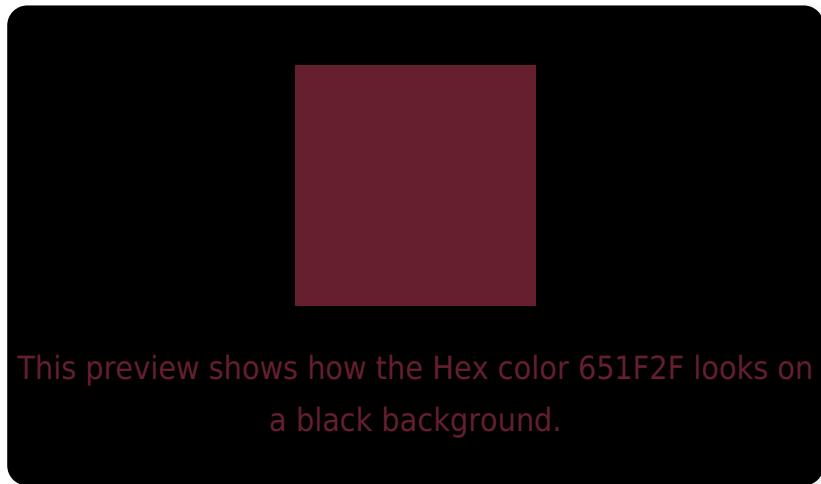
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 651F2F Background



This preview shows how black text looks on a background with the Hex color 651F2F.



This preview shows how white text looks on a background with the Hex color 651F2F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
651F2F

**Protanopia**  
3A393C

**Deuteranopia**  
43372C



**Tritanopia**  
642123

# Trichromacy



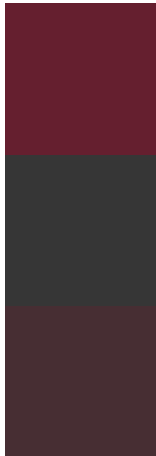
**Original Color**  
651F2F

**Protanomaly**  
4A3037

**Deuteranomaly**  
4F2E2D

**Tritanomaly**  
642027

# Monochromacy



**Original Color**  
651F2F

**Achromatopsia**  
363636

**Achromatomaly**  
472E33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 651F2F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #651F2F looks like.

```
.text, #text, p{  
    color:#651F2F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #651F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #651F2F
}
```

## Border

The CSS property to change the border of an element to Hex 651F2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

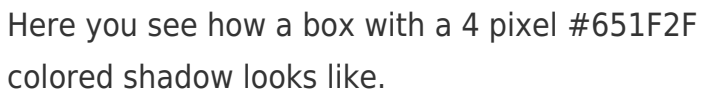
```
.border, #border, table{ border:4px solid
#651F2F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#651F2F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #651F2F colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #651F2F colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #651F2F; -webkit-box-shadow:4px 4px  
4px 4px #651F2F; box-shadow:4px 4px 4px  
4px #651F2F }
```

# Background

The CSS property to change the background color of an element to Hex 651F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#651F2F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#651F2F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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