

# Converting Colors

Hex(635F2F)

Have a look what the booklet for  
Hex(635F2F) contains.

|  |    |
|--|----|
| <b>Hex(635F2F)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(635F2F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 635F2F                     |
| RGB           | 99, 95, 47                 |
| RGB Percent   | 39%, 37%, 18%              |
| CMY           | 0.6118, 0.6275, 0.8157     |
| CMYK          | 0.00, 0.04, 0.53, 0.61     |
| HSL           | 55°, 36%, 29%              |
| HSV           | 55°, 53%, 39%              |
| XYZ           | 9.7509, 11.0423, 4.3068    |
| YIQ           | 90.7240, 17.7920, -14.0800 |

# Conversions

## Conversions Part 2

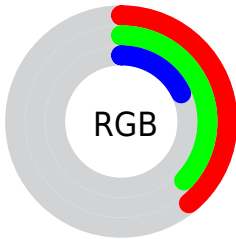
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 51, 99, 47                   |
| Decimal                             | 6512431                      |
| CIE <sub>Lab</sub>                  | 39.65, -5.81, 27.81          |
| CIE <sub>LCh</sub>                  | 40, 28.408, 101.805          |
| Yxy                                 | 11.0423, 0.3885,<br>0.4399   |
| Android<br>(android.graphics.Color) | 4284702511<br>(0xFF635F2F)   |
| YUV                                 | 90.7240, -21.5559,<br>7.2581 |
| Hunter-Lab                          | 33.2300, -5.7740,<br>15.5767 |

# Details

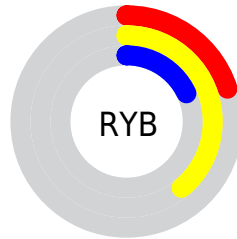
The Hex color **635F2F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F3363**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **97915E**, and **333100** is the 20% darker color. If you saturate the color by 10%, you get **635E25**, and if you desaturate by 10%, it is **636039**.

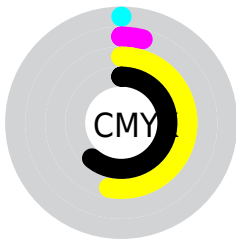
# Distribution



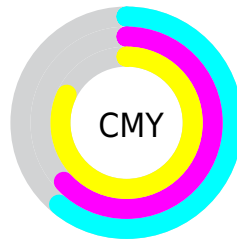
- Red (39%)
- Green (37%)
- Blue (18%)



- Red (20%)
- Yellow (39%)
- Blue (18%)



- Cyan (0%)
- Magenta (4%)
- Yellow (53%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635F2F 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 635F2F by changing the saturation by 10% instead.



 635F2F

 635F2F

FFFFFF

 4A4719

 97915E

 333100

 B2AC77

 1C1C00

 CEC791

 000000

 EBE3AC

 FFFFC8

 FFFFE4

 635F2F

 635F2F

 635E25

 636039

■ 635D1B

■ 636143

■ 635D11

■ 63614D

■ 635C07

■ 636257

■ 635B00

■ 636361

■ 63646A

■ 636474

■ 63657E

■ 636688

# Harmonies

## Analogous

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



785731



635F2F



4A653A

# Triad

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



635F2F



00687C



814D6C

# Complementary

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



635F2F



2F3363

# 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.



6B5480



635F2F



166489

# Square

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



635F2F



006A66



495D8B



8A4B55

# Rectangle

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



635F2F



366847



495D8B



7B4F74



# Sweetspot

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



635F2F



807E6B



632F33



403F34



BFBFBF



404040



# Same Dimension

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



635F2F



80792F



4D632F



30302C



706800



F0DD00



# Inverse Universe

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



2F3363



2F3580



452F63



2C2C30



000970



0012F0



# Previews

## White Background



This preview shows how the Hex color 635F2F looks on a white background.

## Color Contrast Check

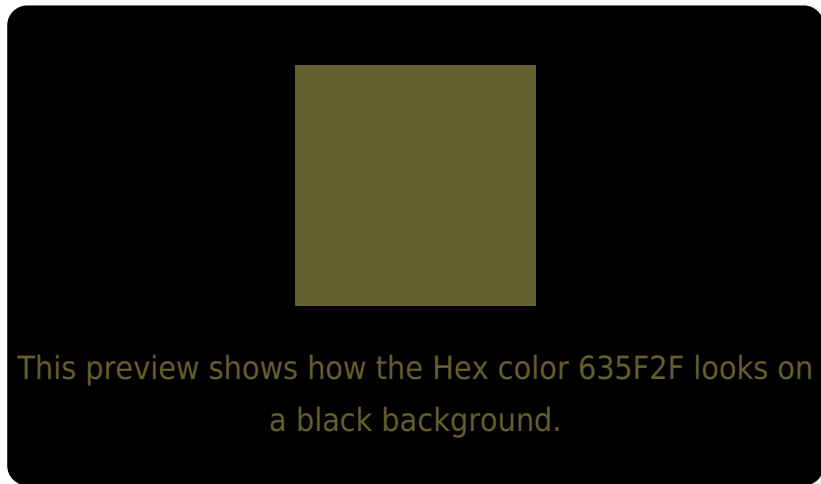
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

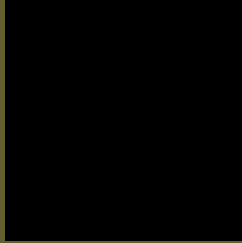
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635F2F Background



This preview shows how black text looks on a background with the Hex color 635F2F.



This preview shows how white text looks on a background with the Hex color 635F2F.

# 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**  
635F2F

**Protanopia**  
675E2F

**Deuteranopia**  
735931



**Tritanopia**  
685A61

# Trichromacy



**Original Color**  
635F2F

**Protanomaly**  
665E2F

**Deuteranomaly**  
6D5B30

**Tritanomaly**  
665C4F

# Monochromacy



**Original Color**  
635F2F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5E5C4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635F2F 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 #635F2F looks like.

```
.text, #text, p{  
    color:#635F2F  
}
```

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 #635F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635F2F
}
```

## Border

The CSS property to change the border of an element to Hex 635F2F 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
#635F2F }
```

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

```
.border{ border-color:#635F2F }
```

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

Here you see how a box with a 4 pixel #635F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635F2F; -webkit-box-shadow:4px 4px  
4px 4px #635F2F; box-shadow:4px 4px 4px  
4px #635F2F }
```

# Background

The CSS property to change the background color of an element to Hex 635F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635F2F }
```

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

```
.background{ background-color:#635F2F }
```

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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