

Converting Colors

Hex(645F5F)

Have a look what the booklet for
Hex(645F5F) contains.

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Color

Hex(645F5F)

Conversions

Conversions Part 1

Format	Color
Hex	645F5F
RGB	100, 95, 95
RGB Percent	39%, 37%, 37%
CMY	0.6078, 0.6275, 0.6275
CMYK	0.00, 0.05, 0.05, 0.61
HSL	0°, 3%, 38%
HSV	0°, 5%, 39%
XYZ	11.4133, 11.7200, 12.4871
YIQ	96.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

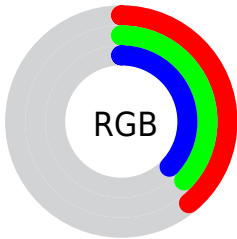
Format	Color
R_{YB}	100, 95, 95
Decimal	6578015
CIE Lab	40.77, 1.99, 0.71
CIE LCh	41, 2.110, 19.531
Yxy	11.7200, 0.3204, 0.3290
Android (android.graphics.Color)	4284768095 (0xFF645F5F)
YUV	96.4950, -0.7370, 3.0739
Hunter-Lab	34.2344, -0.4008, 2.3379




Details

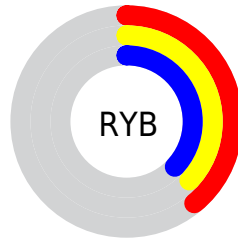
The Hex color **645F5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6464**, and the grayscale version is **616161**.




A 20% lighter version of the original color is **979191**, and **353131** is the 20% darker color. If you saturate the color by 10%, you get **645555**, and if you desaturate by 10%, it is **646969**.

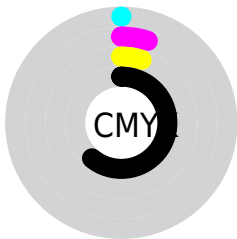
Distribution







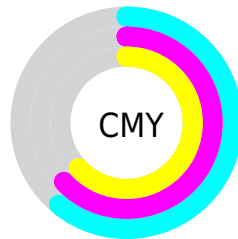
-  Red (39%)
-  Green (37%)
-  Blue (37%)






-  Red (39%)
-  Yellow (37%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (5%)
-  Yellow (5%)
-  Black (61%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 645F5F 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 645F5F by changing the saturation by 10% instead.

■ 645F5F

■ 645F5F

FFFFFF

■ 4C4747

■ 979191

■ 353131

■ B1ACAC

■ 201C1C

■ CDC7C7

■ 090101

■ E9E3E3

■ 000000

■ 645F5F

■ 645F5F

■ 645555

■ 646969

■ 644B4B

■ 647373

■ 644141

■ 647D7D

■ 643737

■ 648787

■ 642D2D

■ 649191

■ 642323

■ 649B9B

■ 641919

■ 64A5A5

■ 640F0F

■ 64AF AF

■ 640505

■ 64B9B9

Harmonies

Analogous

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



635F61



645F5F



645F5E

Triad

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



645F5F



5E615E



5E6063

Complementary

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



645F5F



5F6464

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.



5C6163



645F5F



5D615F

Square

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



645F5F



60605D



5C6161



606063

Rectangle

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



645F5F



63605D



5C6161



5D6163

Sweetspot

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



645F5F



827F7F



645F64



424141



C2C2C2



424242

Same Dimension

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



645F5F



827A7A



64625F



332F2F



730000



F20000

Inverse Universe

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



5F6464



7A8282



5F6264



2F3333



007373



00F2F2

Previews

White Background



This preview shows how the Hex color 645F5F looks on a white background.

Color Contrast Check

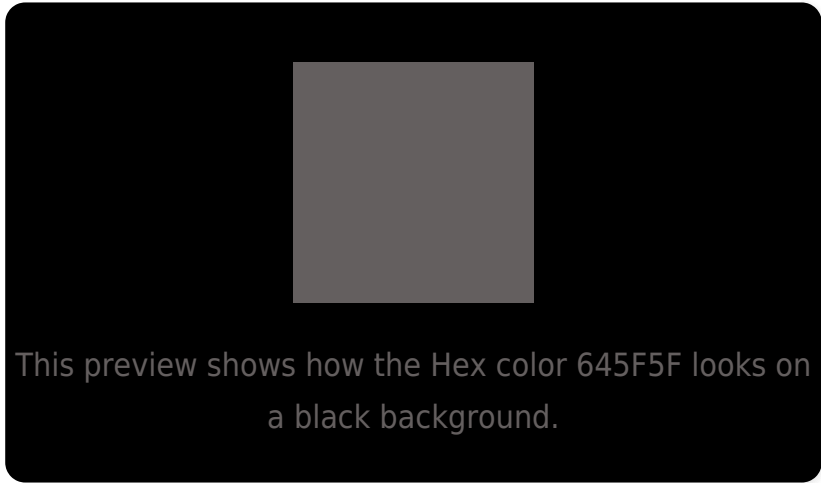
Large Text (above 18pt) WCAG AA ✓ Pass

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

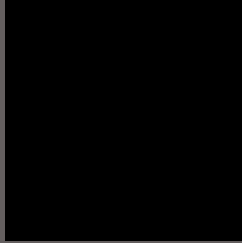
Any Text WCAG AA × Fail

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 645F5F Background



This preview shows how black text looks on a background with the Hex color 645F5F.

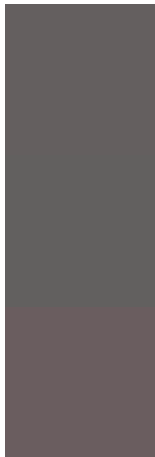


This preview shows how white text looks on a background with the Hex color 645F5F.

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
645F5F

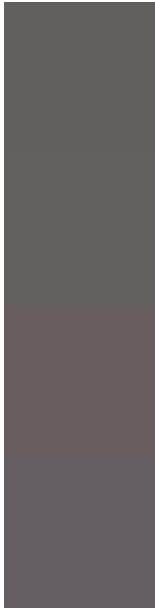
Protanopia
62605F

Deuteranopia
6A5D5F



Tritanopia
655E65

Trichromacy



Original Color

645F5F

Protanomaly

63605F

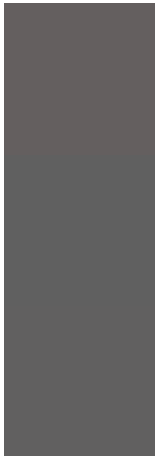
Deuteranomaly

685E5F

Tritanomaly

655E63

Monochromacy



Original Color

645F5F

Achromatopsia

606060

Achromatomaly

616060

CSS Examples

Text

The CSS property to change the color of the text to Hex 645F5F 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 #645F5F looks like.

```
.text, #text, p{  
    color:#645F5F  
}
```

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 #645F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645F5F
}
```

Border

The CSS property to change the border of an element to Hex 645F5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

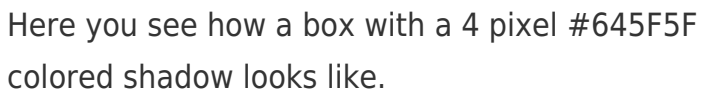
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645F5F }
```

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

```
.border{ border-color:#645F5F }
```

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



Here you see how a box with a 4 pixel #645F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645F5F; -webkit-box-shadow:4px 4px  
4px 4px #645F5F; box-shadow:4px 4px 4px  
4px #645F5F }
```

Background

The CSS property to change the background color of an element to Hex 645F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645F5F }
```

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

```
.background{ background-color:#645F5F }
```

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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