

Converting Colors

Hex(635F51)

Have a look what the booklet for
Hex(635F51) contains.

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Color

Hex(635F51)

Conversions

Conversions Part 1

Format	Color
Hex	635F51
RGB	99, 95, 81
RGB Percent	39%, 37%, 32%
CMY	0.6118, 0.6275, 0.6824
CMYK	0.00, 0.04, 0.18, 0.61
HSL	47°, 10%, 35%
HSV	47°, 18%, 39%
XYZ	10.7230, 11.4311, 9.4259
YIQ	94.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

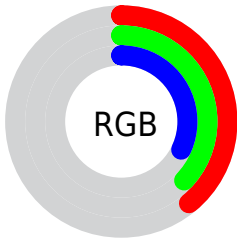
Format	Color
R_{YB}	86, 99, 81
Decimal	6512465
CIE Lab	40.30, -1.06, 8.59
CIE LCh	40, 8.655, 97.044
Yxy	11.4311, 0.3396, 0.3620
Android (android.graphics.Color)	4284702545 (0xFF635F51)
YUV	94.6000, -6.7048, 3.8588
Hunter-Lab	33.8100, -2.5553, 7.1376

Details

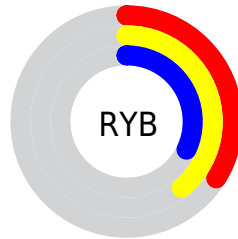
The Hex color **635F51** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **515563**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **969182**, and **343124** is the 20% darker color. If you saturate the color by 10%, you get **635D47**, and if you desaturate by 10%, it is **63615B**.

Distribution



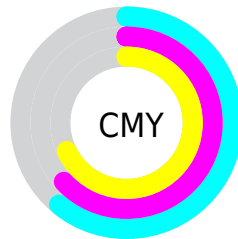
- Red (39%)
- Green (37%)
- Blue (32%)



- Red (34%)
- Yellow (39%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635F51 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 635F51 by changing the saturation by 10% instead.



635F51



635F51

FFFFFF



4B473A



969182



343124



B1AC9C



1F1C10



CCC7B7



000200



E8E3D3



000000



FFFFEF



635F51



635F51



635D47



63615B



635B3D



636365

■ 635833

■ 63666F

■ 635629

■ 636879

■ 63541F

■ 636A83

■ 635216

■ 636C8C

■ 63500C

■ 636E96

■ 634D02

■ 6371A0

■ 634D00

■ 6373AA

Harmonies

Analogous

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



6A5D52



635F51



5B6154

Triad

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



635F51



4D6367



6A5B65

Complementary

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



635F51



515563

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.



625D6A



635F51



51616C

Square

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



635F51



4E6360



595F6D



6E5A5D

Rectangle

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



635F51



566257



595F6D



685B67

Sweetspot

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



635F51



807E79



635155



403F3C



BFBFBF



404040

Same Dimension

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



635F51



807963



5E6351



302F2C



705700



F0BA00

Inverse Universe

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



515563



636A80



565163



2C2D30



001970



0035F0

Previews

White Background



This preview shows how the Hex color 635F51 looks on a white background.

Color Contrast Check

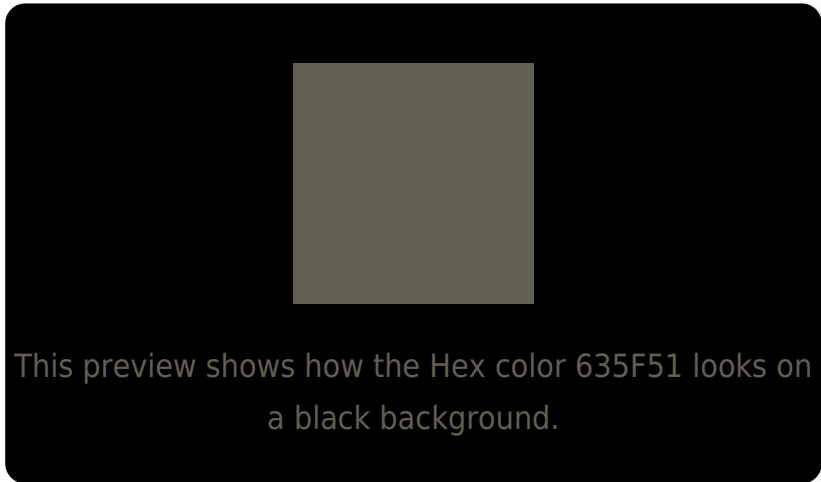
Large Text (above 18pt) WCAG AA ✓ Pass

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

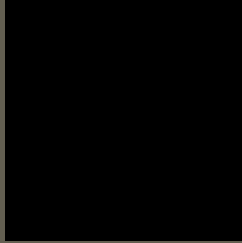
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

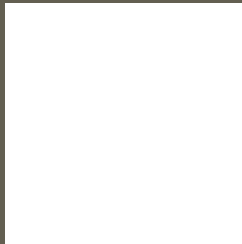
Any Text WCAG AAA × Fail

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

Hex 635F51 Background



This preview shows how black text looks on a background with the Hex color 635F51.



This preview shows how white text looks on a background with the Hex color 635F51.

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](#).

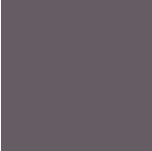
Dichromacy



Original Color
635F51

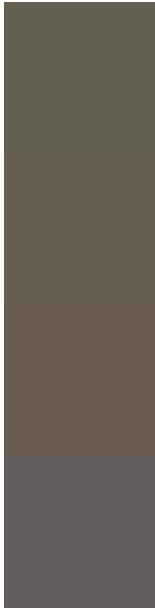
Protanopia
645F51

Deuteranopia
6D5B52



Tritanopia
655C64

Trichromacy



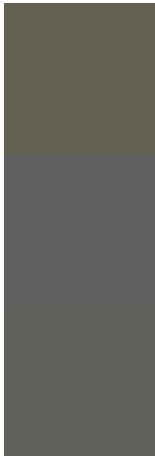
Original Color
635F51

Protanomaly
645F51

Deuteranomaly
695C52

Tritanomaly
645D5D

Monochromacy



Original Color
635F51

Achromatopsia
5F5F5F

Achromatomaly
605F5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 635F51 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 #635F51 looks like.

```
.text, #text, p{  
    color:#635F51  
}
```

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 #635F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635F51
}
```

Border

The CSS property to change the border of an element to Hex 635F51 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
#635F51 }
```

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

```
.border{ border-color:#635F51 }
```

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

Here you see how a box with a 4 pixel #635F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635F51; -webkit-box-shadow:4px 4px  
4px 4px #635F51; box-shadow:4px 4px 4px  
4px #635F51 }
```

Background

The CSS property to change the background color of an element to Hex 635F51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635F51 }
```

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

```
.background{ background-color:#635F51 }
```

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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