

Converting Colors

Hex(635D5F)

Have a look what the booklet for
Hex(635D5F) contains.

Hex(635D5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(635D5F)

Conversions

Conversions Part 1

Format	Color
Hex	635D5F
RGB	99, 93, 95
RGB Percent	39%, 36%, 37%
CMY	0.6118, 0.6353, 0.6275
CMYK	0.00, 0.06, 0.04, 0.61
HSL	340°, 3%, 38%
HSV	340°, 6%, 39%
XYZ	11.1255, 11.3076, 12.4227
YIQ	95.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

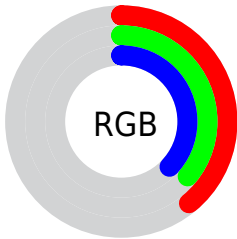
Format	Color
RYB	99, 93, 95
Decimal	6511967
CIELab	40.09, 2.80, -0.29
CIElCh	40, 2.817, 354.114
Yxy	11.3076, 0.3192, 0.3244
Android (android.graphics.Color)	4284702047 (0xFF635D5F)
YUV	95.0220, -0.0108, 3.4887
Hunter-Lab	33.6267, 0.2104, 1.6353

Details

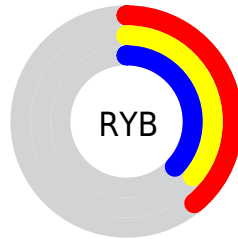
The Hex color **635D5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5D6361**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **968F91**, and **352F31** is the 20% darker color. If you saturate the color by 10%, you get **635358**, and if you desaturate by 10%, it is **636766**.

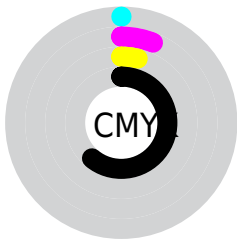
Distribution



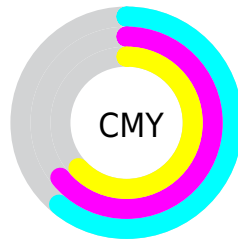
- Red (39%)
- Green (36%)
- Blue (37%)



- Red (39%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635D5F 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 635D5F by changing the saturation by 10% instead.

■ 635D5F

■ 635D5F

FFFFFF

■ 4B4547

■ 968F91

■ 352F31

■ B0AAAC

■ 1F1A1C

■ CCC5C7

■ 070001

■ E8E1E3

■ 000000

FFFEFF

■ 635D5F

■ 635D5F

■ 635358

■ 636766

■ 634952

■ 63716C

633F4B

637B73

633545

638579

632C3E

638F80

632237

639887

631831

63A28D

630E2A

63AC94

630424

63B69A

Harmonies

Analogous

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



615D61



635D5F



645D5D

Triad

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



635D5F



5E5F5A



5A5F62

Complementary

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



635D5F



5D6361

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.



596060



635D5F



5C605C

Square

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



635D5F



615E5A



5A605E



5C5F63

Rectangle

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



635D5F



635D5B



5A605E



596062

Sweetspot

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



635D5F



807D7E



615D63



403E3F



BFBFBF



404040

Same Dimension

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



635D5F



80777A



635E5D



302D2E



700025



F00050

Inverse Universe

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



635D5F



80777A



5D6263



302D2E



700025



F00050

Previews

White Background



This preview shows how the Hex color 635D5F looks on a white background.

Color Contrast Check

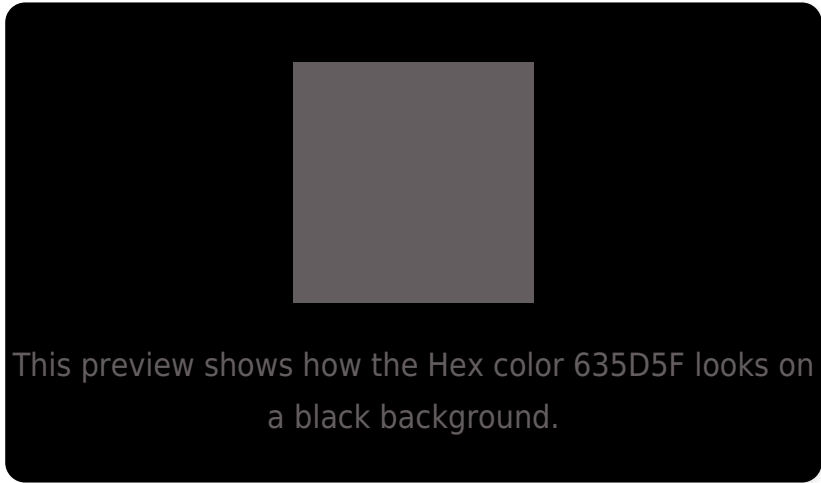
Large Text (above 18pt) WCAG AA ✓ Pass

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

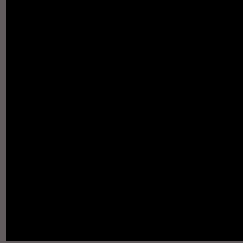
Any Text WCAG AA × Fail

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 635D5F Background



This preview shows how black text looks on a background with the Hex color 635D5F.



This preview shows how white text looks on a background with the Hex color 635D5F.

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](#).

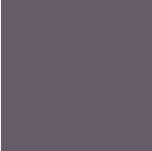
Dichromacy



Original Color
635D5F

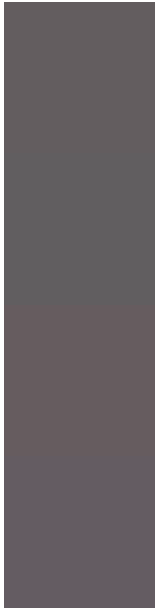
Protanopia
605E60

Deuteranopia
675C5F



Tritanopia
645C64

Trichromacy



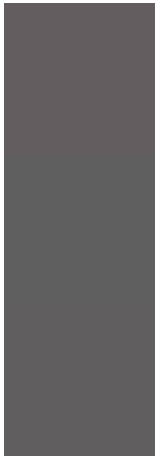
Original Color
635D5F

Protanomaly
615E60

Deuteranomaly
665C5F

Tritanomaly
645C62

Monochromacy



Original Color
635D5F

Achromatopsia
5F5F5F

Achromatomaly
605E5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 635D5F 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 #635D5F looks like.

```
.text, #text, p{  
    color:#635D5F  
}
```

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 #635D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635D5F
}
```

Border

The CSS property to change the border of an element to Hex 635D5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

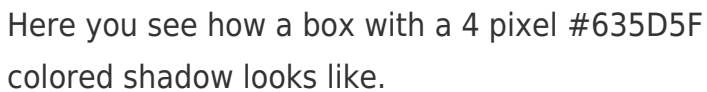
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635D5F }
```

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

```
.border{ border-color:#635D5F }
```

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



Here you see how a box with a 4 pixel #635D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635D5F; -webkit-box-shadow:4px 4px  
4px 4px #635D5F; box-shadow:4px 4px 4px  
4px #635D5F }
```

Background

The CSS property to change the background color of an element to Hex 635D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635D5F }
```

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

```
.background{ background-color:#635D5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor