

Converting Colors

Hex(635F66)

Have a look what the booklet for
Hex(635F66) contains.

Hex(635F66)	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(635F66)

Conversions

Conversions Part 1

Format	Color
Hex	635F66
RGB	99, 95, 102
RGB Percent	39%, 37%, 40%
CMY	0.6118, 0.6275, 0.6000
CMYK	0.03, 0.07, 0.00, 0.60
HSL	274°, 4%, 39%
HSV	274°, 7%, 40%
XYZ	11.6361, 11.7964, 14.2340
YIQ	96.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

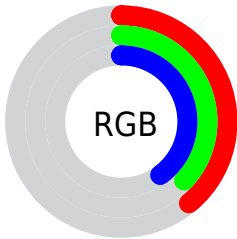
Format	Color
R_{YB}	99, 95, 102
Decimal	6512486
CIE _{Lab}	40.89, 3.05, -3.42
CIE _{LCh}	41, 4.582, 311.775
Yxy	11.7964, 0.3089, 0.3132
Android (android.graphics.Color)	4284702566 (0xFF635F66)
YUV	96.9940, 2.4680, 1.7593
Hunter-Lab	34.3459, 0.3690, -0.5296

Details

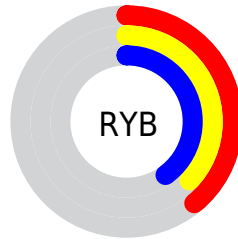
The Hex color **635F66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **62665F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **969199**, and **353137** is the 20% darker color. If you saturate the color by 10%, you get **5F5566**, and if you desaturate by 10%, it is **676966**.

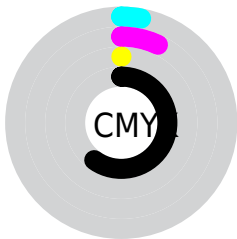
Distribution



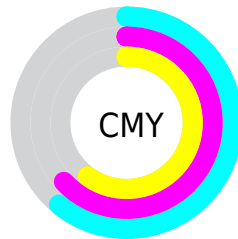
- Red (39%)
- Green (37%)
- Blue (40%)



- Red (39%)
- Yellow (37%)
- Blue (40%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635F66 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 635F66 by changing the saturation by 10% instead.

■ 635F66

■ 635F66

FFFFFF

■ 4B474E

■ 969199

■ 353137

■ B0ACB4

■ 1F1C22

■ CCC7CF

■ 07010C

■ E8E3EB

■ 000000

■ 635F66

■ 635F66

■ 5F5566

■ 676966

■ 5A4B66

■ 6C7366

■ 564066

■ 707E66

■ 523666

■ 748866

■ 4D2C66

■ 799266

■ 492266

■ 7D9C66

■ 441866

■ 82A666

■ 400D66

■ 86B166

■ 3C0366

■ 8ABB66

Harmonies

Analogous

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



5E6068



635F66



675E63

Triad

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



635F66



665F59



586362

Complementary

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



635F66



62665F

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.



5A625E



635F66



626159

Square

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



635F66



685E5C



5E625B



586265

Rectangle

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



635F66



685E60



5E625B



586360

Sweetspot

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



635F66



838285



5F6266



424142



C2C2C2



424242

Same Dimension

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



635F66



807A85



665F66



312E33



420073



8A00F2

Inverse Universe

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



665F62



857A7F



5F665F



332E30



730031



F20068

Previews

White Background



This preview shows how the Hex color 635F66 looks on a white background.

Color Contrast Check

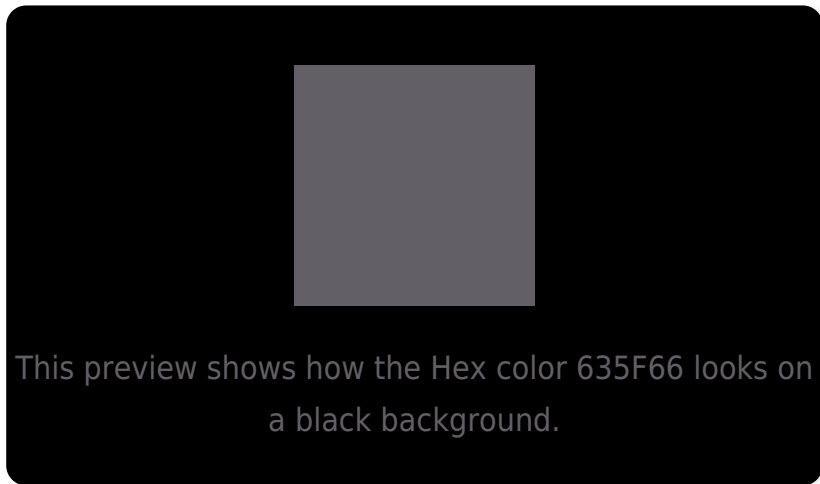
Large Text (above 18pt) WCAG AA ✓ Pass

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

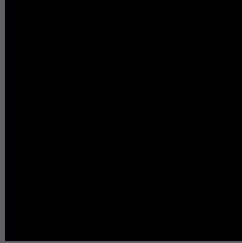
Any Text WCAG AA × Fail

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 635F66 Background



This preview shows how black text looks on a background with the Hex color 635F66.



This preview shows how white text looks on a background with the Hex color 635F66.

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
635F66

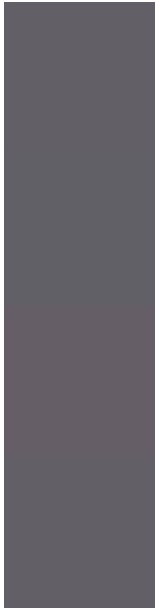
Protanopia
606066

Deuteranopia
675E66



Tritanopia
635F66

Trichromacy



Original Color

635F66

Protanomaly

616066

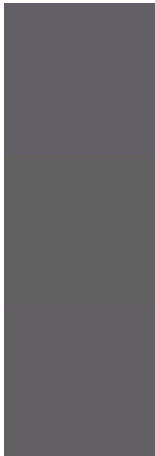
Deuteranomaly

665E66

Tritanomaly

635F66

Monochromacy



Original Color

635F66

Achromatopsia

616161

Achromatomaly

626063

CSS Examples

Text

The CSS property to change the color of the text to Hex 635F66 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 #635F66 looks like.

```
.text, #text, p{  
    color:#635F66  
}
```

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 #635F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635F66
}
```

Border

The CSS property to change the border of an element to Hex 635F66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

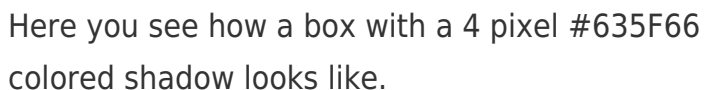
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635F66 }
```

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

```
.border{ border-color:#635F66 }
```

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



Here you see how a box with a 4 pixel #635F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635F66; -webkit-box-shadow:4px 4px  
4px 4px #635F66; box-shadow:4px 4px 4px  
4px #635F66 }
```

Background

The CSS property to change the background color of an element to Hex 635F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635F66 }
```

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

```
.background{ background-color:#635F66 }
```

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