

# Converting Colors

Hex(685F66)

Have a look what the booklet for  
Hex(685F66) contains.

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# Color

**Hex(685F66)**

# Conversions

## Conversions Part 1

Format	Color
Hex	685F66
RGB	104, 95, 102
RGB Percent	41%, 37%, 40%
CMY	0.5922, 0.6275, 0.6000
CMYK	0.00, 0.09, 0.02, 0.59
HSL	313°, 5%, 39%
HSV	313°, 9%, 41%
XYZ	12.1994, 12.0868, 14.2604
YIQ	98.4890, 3.1170, 4.0850

# Conversions

## Conversions Part 2

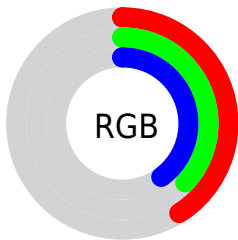
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 95, 102
Decimal	6840166
CIELab	41.35, 5.00, -2.68
CIElCh	41, 5.674, 331.796
Yxy	12.0868, 0.3165, 0.3136
Android (android.graphics.Color)	4285030246 (0xFF685F66)
YUV	98.4890, 1.7309, 4.8331
Hunter-Lab	34.7661, 1.7950, 0.0166

# Details

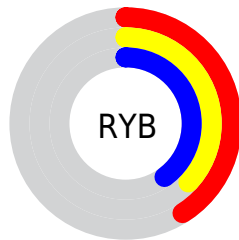
The Hex color **685F66** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F6861**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9B9199**, and **393137** is the 20% darker color. If you saturate the color by 10%, you get **685564**, and if you desaturate by 10%, it is **686968**.

# Distribution



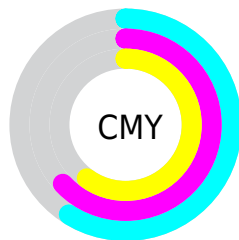
- Red (41%)
- Green (37%)
- Blue (40%)



- Red (41%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (59%)



- Cyan (59%)
- Magenta (63%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685F66 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 685F66 by changing the saturation by 10% instead.



685F66

685F66

FFFFFF

50474E

9B9199

393137

B6ACB4

231C22

D2C7CF

0E010C

EEE3EB

000000

685F66

685F66

685564

686968

684A61

68746B

68405F

687E6D

68355D

68896F

682B5A

689372

682158

689D74

681656

68A876

680C54

68B278

680151

68BD7B

# Harmonies

## Analogous

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



636069



685F66



6B5E61

# Triad

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



685F66



656158



566466

# Complementary

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



685F66



5F6861

# 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.



576462



685F66



60635A

# Square

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



685F66



696059



5B645D



58636A

# Rectangle

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



685F66



6C5F5E



5B645D



566465



# Sweetspot

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



685F66



878386



615F68



454244



C4C4C4



454545



# Same Dimension

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



685F66



877A84



685F62



332E32



730059



F200BC



# Inverse Universe

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



685F66



877A84



5F6865



332E32



730059



F200BC



# Previews

## White Background



This preview shows how the Hex color 685F66 looks on a white background.

## Color Contrast Check

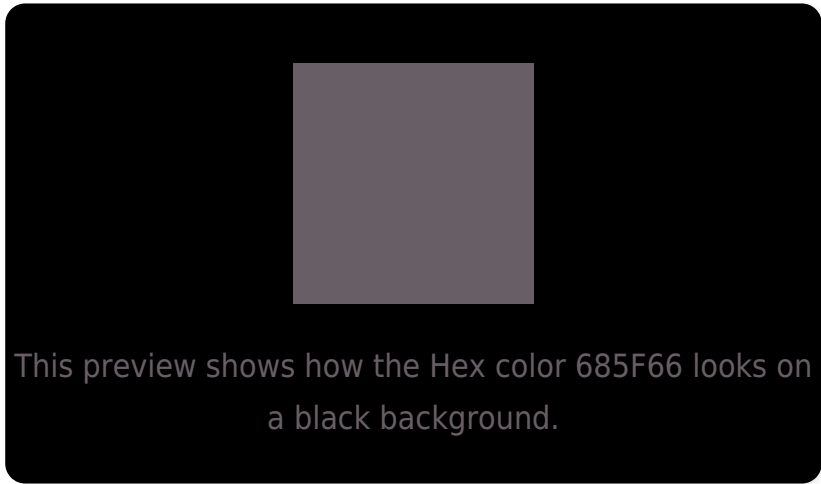
Large Text (above 18pt) WCAG AA ✓ Pass

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

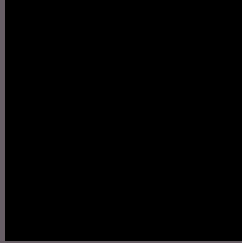
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685F66 Background



This preview shows how black text looks on a background with the Hex color 685F66.

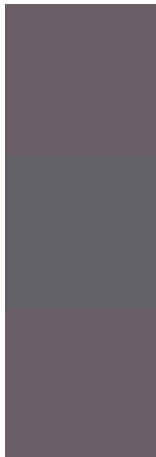


This preview shows how white text looks on a background with the Hex color 685F66.

# 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**  
685F66

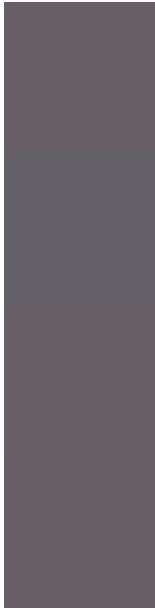
**Protanopia**  
626167

**Deuteranopia**  
695F66



**Tritanopia**  
685F66

# Trichromacy



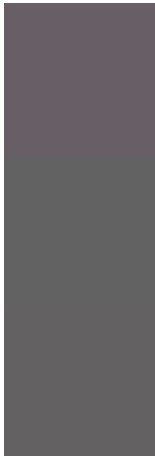
**Original Color**  
685F66

**Protanomaly**  
646067

**Deuteranomaly**  
695F66

**Tritanomaly**  
685F66

# Monochromacy



**Original Color**  
685F66

**Achromatopsia**  
626262

**Achromatomaly**  
646163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685F66 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 #685F66 looks like.

```
.text, #text, p{  
  color:#685F66  
}
```

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 #685F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685F66  
}
```

## Border

The CSS property to change the border of an element to Hex 685F66 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  
#685F66 }
```

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

```
.border{ border-color:#685F66 }
```

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

Here you see how a box with a 4 pixel #685F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685F66; -webkit-box-shadow:4px 4px  
4px 4px #685F66; box-shadow:4px 4px 4px  
4px #685F66 }
```

# Background

The CSS property to change the background color of an element to Hex 685F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685F66 }
```

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

```
.background{ background-color:#685F66 }
```

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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