

# Converting Colors

Hex(665C63)

Have a look what the booklet for  
Hex(665C63) contains.

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# Color

Hex(665C63)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665C63
RGB	102, 92, 99
RGB Percent	40%, 36%, 39%
CMY	0.6000, 0.6392, 0.6118
CMYK	0.00, 0.10, 0.03, 0.60
HSL	318°, 5%, 38%
HSV	318°, 10%, 40%
XYZ	11.5588, 11.3799, 13.3917
YIQ	95.7880, 3.7130, 4.2970

# Conversions

## Conversions Part 2

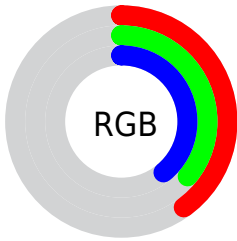
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 92, 99
Decimal	6708323
CIE Lab	40.21, 5.42, -2.54
CIE LCh	40, 5.988, 334.878
Yxy	11.3799, 0.3182, 0.3132
Android (android.graphics.Color)	4284898403 (0xFF665C63)
YUV	95.7880, 1.5835, 5.4479
Hunter-Lab	33.7341, 2.1270, 0.0771

# Details

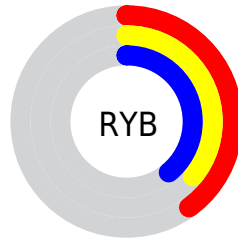
The Hex color **665C63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C665F**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **998E96**, and **372E35** is the 20% darker color. If you saturate the color by 10%, you get **665260**, and if you desaturate by 10%, it is **666666**.

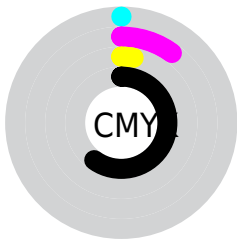
# Distribution



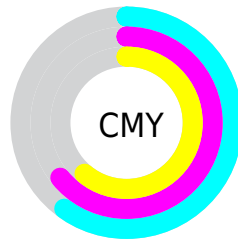
- Red (40%)
- Green (36%)
- Blue (39%)



- Red (40%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665C63 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 665C63 by changing the saturation by 10% instead.



■ 665C63

■ 665C63

FFFFFF

■ 4E444B

■ 998E96

■ 372E35

■ B4A9B0

■ 221A1F

■ CFC4CC

■ 0C0007

■ ECE0E8

■ 000000

■ FFFCFE

■ 665C63

■ 665C63

■ 665260

■ 666666

■ 66485D

■ 667069

663D5A

667B6C

663357

66856F

662954

668F72

661F51

669975

66154E

66A378

660A4B

66AE7B

660047

66B87F

# Harmonies

## Analogous

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



615D67



665C63



695B5E

# Triad

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



665C63



625F55



536164

# Complementary

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



665C63



5C665F

# 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.



53625F



665C63



5C6057

# Square

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



665C63



675D56



57615A



556067

# Rectangle

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



665C63



695C5B



57615A



536263



# Sweetspot

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



665C63



858183



5F5C66



424042



C2C2C2



424242



# Same Dimension

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



665C63



857580



665C5E



332E31



730050



F200AA



# Inverse Universe

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



665C63



857580



5C6664



332E31



730050



F200AA



# Previews

## White Background



This preview shows how the Hex color 665C63 looks on a white background.

## Color Contrast Check

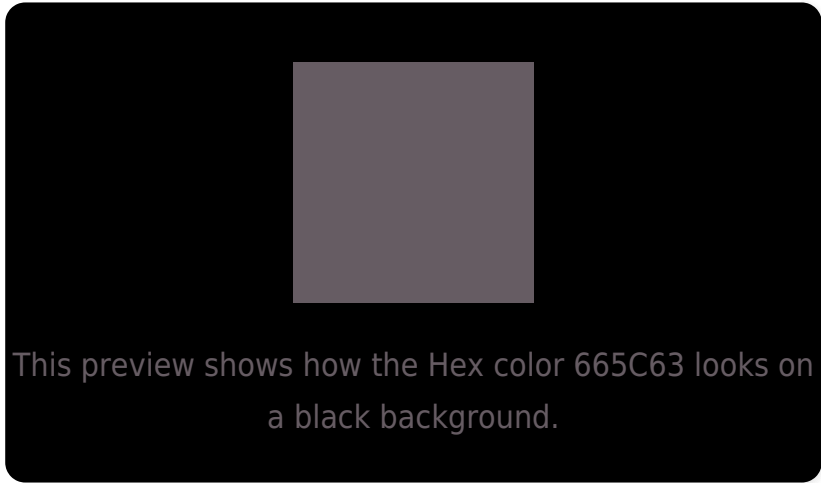
Large Text (above 18pt) WCAG AA ✓ Pass

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

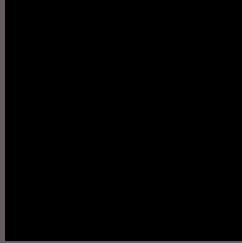
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665C63 Background



This preview shows how black text looks on a background with the Hex color 665C63.



This preview shows how white text looks on a background with the Hex color 665C63.

# 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](#).

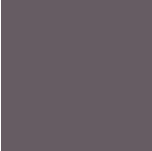
## Dichromacy



**Original Color**  
665C63

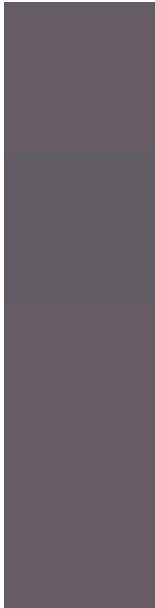
**Protanopia**  
5F5E64

**Deuteranopia**  
665C63



**Tritanopia**  
665C63

# Trichromacy



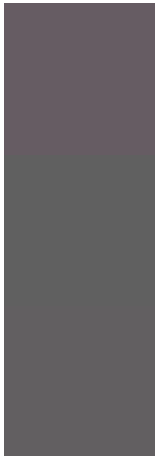
**Original Color**  
665C63

**Protanomaly**  
625D64

**Deuteranomaly**  
665C63

**Tritanomaly**  
665C63

# Monochromacy



**Original Color**  
665C63

**Achromatopsia**  
606060

**Achromatomaly**  
625F61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665C63 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 #665C63 looks like.

```
.text, #text, p{  
    color:#665C63  
}
```

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 #665C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665C63
}
```

## Border

The CSS property to change the border of an element to Hex 665C63 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
#665C63 }
```

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

```
.border{ border-color:#665C63 }
```

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

Here you see how a box with a 4 pixel #665C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665C63; -webkit-box-shadow:4px 4px  
4px 4px #665C63; box-shadow:4px 4px 4px  
4px #665C63 }
```

# Background

The CSS property to change the background color of an element to Hex 665C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665C63 }
```

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

```
.background{ background-color:#665C63 }
```

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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