

# Converting Colors

Hex(665F56)

Have a look what the booklet for  
Hex(665F56) contains.

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# Color

**Hex(665F56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665F56
RGB	102, 95, 86
RGB Percent	40%, 37%, 34%
CMY	0.6000, 0.6275, 0.6627
CMYK	0.00, 0.07, 0.16, 0.60
HSL	34°, 9%, 37%
HSV	34°, 16%, 40%
XYZ	11.2514, 11.6811, 10.4658
YIQ	96.0670, 7.0610, -1.3150

# Conversions

## Conversions Part 2

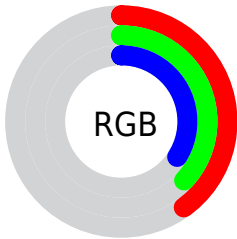
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 102, 86
Decimal	6709078
CIE <sub>Lab</sub>	40.70, 1.09, 6.15
CIE <sub>LCh</sub>	41, 6.247, 79.972
Yxy	11.6811, 0.3369, 0.3498
Android (android.graphics.Color)	4284899158 (0xFF665F56)
YUV	96.0670, -4.9630, 5.2032
Hunter-Lab	34.1776, -1.0478, 5.7687

# Details

The Hex color **665F56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565D66**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **999188**, and **373129** is the 20% darker color. If you saturate the color by 10%, you get **665B4C**, and if you desaturate by 10%, it is **666360**.

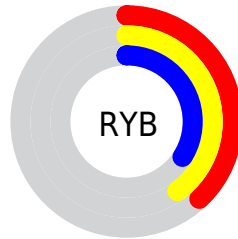
# Distribution



Red (40%)

Green (37%)

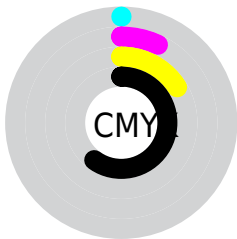
Blue (34%)



Red (38%)

Yellow (40%)

Blue (34%)

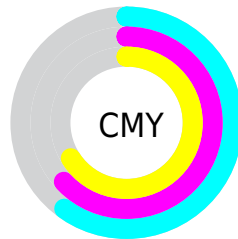


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (60%)



Cyan (60%)

Magenta (63%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665F56 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 665F56 by changing the saturation by 10% instead.





665F56



665F56

FFFFFFF



4E473F



999188



373129



B4ACA2



221C15



CFC7BD



070200



ECE3D9



000000



FFFFFF5



665F56



665F56



665B4C



666360



665642



66686A

■ 665237

■ 666C75

■ 664D2D

■ 66717F

■ 664923

■ 667589

■ 664419

■ 667A93

■ 66400F

■ 667E9D

■ 663B04

■ 6683A8

■ 663900

■ 6687B2

# Harmonies

## Analogous

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



6A5D58



665F56



606156

# Triad

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



665F56



536363



655E67

# Complementary

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



665F56



565D66

# 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.



5F5F69



665F56



546268

# Square

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



665F56



56635E



59616A



695D62

# Rectangle

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



665F56



5D6258



59616A



635E68



# Sweetspot

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



665F56



85827E



66565D



42413E



C2C2C2



424242



# Same Dimension

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



665F56



857A6B



656656



33312E



734100



F28800



# Inverse Universe

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



565D66



6B7685



575666



2E3033



003273



006AF2



# Previews

## White Background



This preview shows how the Hex color 665F56 looks on a white background.

## Color Contrast Check

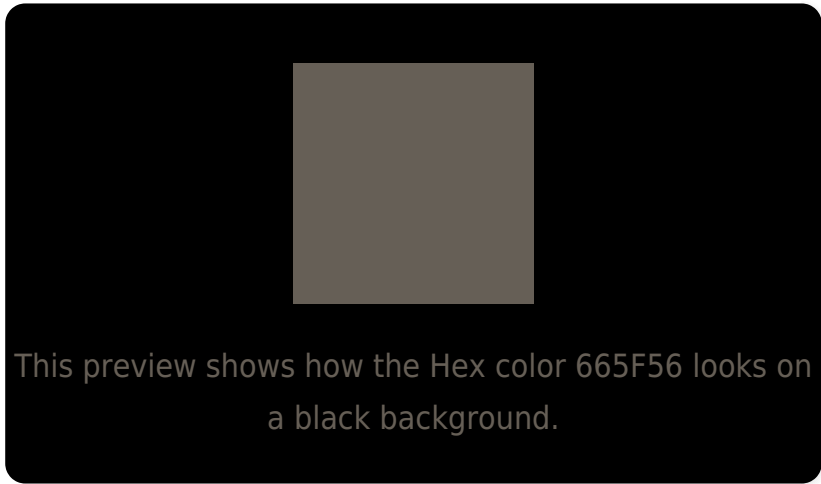
Large Text (above 18pt) WCAG AA ✓ Pass

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

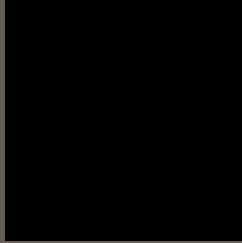
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

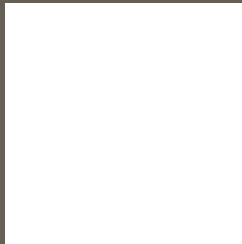
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 665F56 Background



This preview shows how black text looks on a background with the Hex color 665F56.



This preview shows how white text looks on a background with the Hex color 665F56.

# 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**

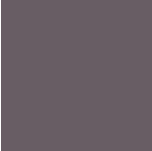
665F56

**Protanopia**

646056

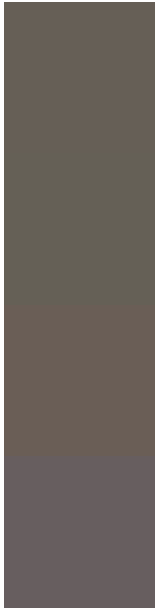
**Deuteranopia**

6D5D56



**Tritanopia**  
685D64

# Trichromacy



**Original Color**

665F56

**Protanomaly**

656056

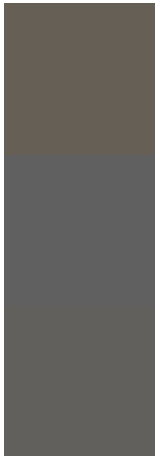
**Deuteranomaly**

6A5E56

**Tritanomaly**

675E5F

# Monochromacy



**Original Color**

665F56

**Achromatopsia**

606060

**Achromatomaly**

62605C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665F56 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 #665F56 looks like.

```
.text, #text, p{  
    color:#665F56  
}
```

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 #665F56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665F56
}
```

## Border

The CSS property to change the border of an element to Hex 665F56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

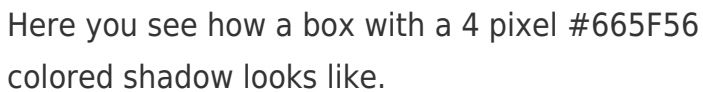
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665F56 }
```

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

```
.border{ border-color:#665F56 }
```

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



Here you see how a box with a 4 pixel #665F56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665F56; -webkit-box-shadow:4px 4px  
4px 4px #665F56; box-shadow:4px 4px 4px  
4px #665F56 }
```

# Background

The CSS property to change the background color of an element to Hex 665F56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665F56 }
```

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

```
.background{ background-color:#665F56 }
```

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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