

# Converting Colors

Hex(665655)

Have a look what the booklet for  
Hex(665655) contains.

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# Color

**Hex(665655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	665655
RGB	102, 86, 85
RGB Percent	40%, 34%, 33%
CMY	0.6000, 0.6627, 0.6667
CMYK	0.00, 0.16, 0.17, 0.60
HSL	4°, 9%, 37%
HSV	4°, 17%, 40%
XYZ	10.4470, 10.1362, 10.0002
YIQ	90.6700, 9.8570, 3.0810

# Conversions

## Conversions Part 2

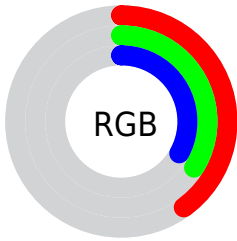
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 86, 85
Decimal	6706773
CIE Lab	38.09, 6.38, 3.02
CIE LCh	38, 7.057, 25.299
Yxy	10.1362, 0.3416, 0.3314
Android (android.graphics.Color)	4284896853 (0xFF665655)
YUV	90.6700, -2.7953, 9.9364
Hunter-Lab	31.8375, 2.8565, 3.6631

# Details

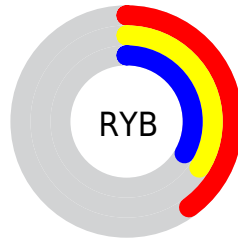
The Hex color **665655** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **556566**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **998887**, and **372928** is the 20% darker color. If you saturate the color by 10%, you get **664C4B**, and if you desaturate by 10%, it is **66605F**.

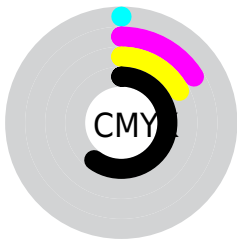
# Distribution



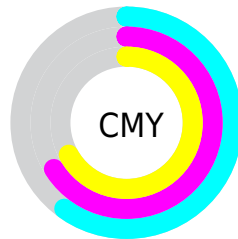
- Red (40%)
- Green (34%)
- Blue (33%)



- Red (40%)
- Yellow (34%)
- Blue (33%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (60%)



- Cyan (60%)
- Magenta (66%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665655 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 665655 by changing the saturation by 10% instead.





665655



665655

FFFFFF



4E3F3E



998887



372928



B4A2A1



211514



D0BDBC



000000



ECD9D7



FFF5F4



665655



665655



664C4B



66605F



664341



666969

663936

667374

66302C

667C7E

662622

668688

661C18

669092

66130E

66999C

660903

66A3A7

660600

66ACB1

# Harmonies

## Analogous

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



65565B



665655



645750

# Triad

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



665655



535C53



535A65

# Complementary

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



665655



556566

# 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.



4D5C63



665655



4D5D58

# Square

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



665655



595B4F



4B5D5E



5A5864

# Rectangle

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



665655



61584F



4B5D5E



505B64



# Sweetspot

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



665655



857E7E



665565



423F3E



C2C2C2



424242



# Same Dimension

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



665655



856C6A



665E55



332E2E



730700



F20E00



# Inverse Universe

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



556566



6A8385



555D66



2E3333



006C73



00E4F2



# Previews

## White Background



This preview shows how the Hex color 665655 looks on a white background.

## Color Contrast Check

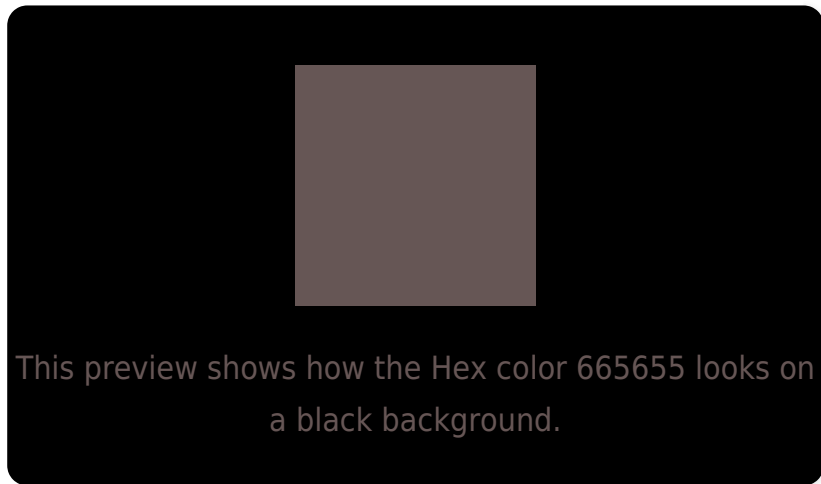
Large Text (above 18pt) WCAG AA ✓ Pass

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

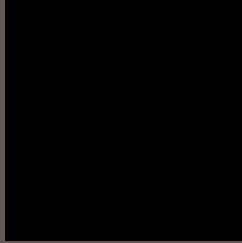
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665655 Background



This preview shows how black text looks on a background with the Hex color 665655.

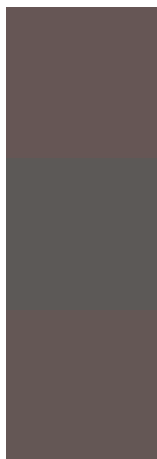


This preview shows how white text looks on a background with the Hex color 665655.

# 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**  
665655

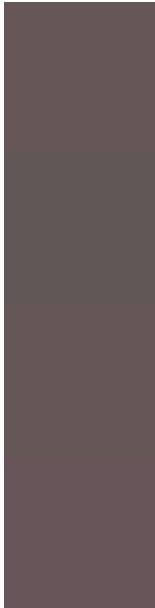
**Protanopia**  
5C5957

**Deuteranopia**  
645755



**Tritanopia**  
67555C

# Trichromacy



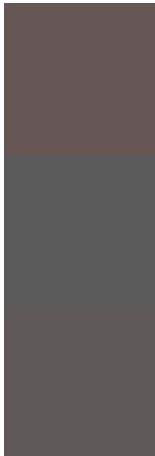
**Original Color**  
665655

**Protanomaly**  
605856

**Deuteranomaly**  
655755

**Tritanomaly**  
675559

# Monochromacy



**Original Color**  
665655

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5F5959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665655 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 #665655 looks like.

```
.text, #text, p{  
    color:#665655  
}
```

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 #665655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665655
}
```

## Border

The CSS property to change the border of an element to Hex 665655 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".

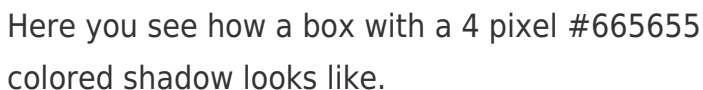
```
.border, #border, table{ border:4px solid
#665655 }
```

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

```
.border{ border-color:#665655 }
```

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

Here you see how a box with a 4 pixel #665655 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665655; -webkit-box-shadow:4px 4px  
4px 4px #665655; box-shadow:4px 4px 4px  
4px #665655 }
```

# Background

The CSS property to change the background color of an element to Hex 665655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665655 }
```

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

```
.background{ background-color:#665655 }
```

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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