

# Converting Colors

Hex(665465)

Have a look what the booklet for  
Hex(665465) contains.

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# Color

**Hex(665465)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665465
RGB	102, 84, 101
RGB Percent	40%, 33%, 40%
CMY	0.6000, 0.6706, 0.6039
CMYK	0.00, 0.18, 0.01, 0.60
HSL	303°, 10%, 36%
HSV	303°, 18%, 40%
XYZ	10.9988, 10.1050, 13.6827
YIQ	91.3200, 5.2710, 9.1030

# Conversions

## Conversions Part 2

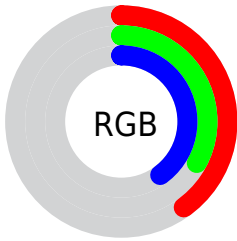
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 84, 101
Decimal	6706277
CIE Lab	38.03, 10.76, -7.02
CIE LCh	38, 12.852, 326.885
Yxy	10.1050, 0.3162, 0.2905
Android (android.graphics.Color)	4284896357 (0xFF665465)
YUV	91.3200, 4.7722, 9.3664
Hunter-Lab	31.7884, 6.1313, -3.2683

# Details

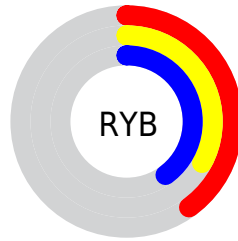
The Hex color **665465** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **546655**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **998698**, and **372736** is the 20% darker color. If you saturate the color by 10%, you get **664A64**, and if you desaturate by 10%, it is **665E66**.

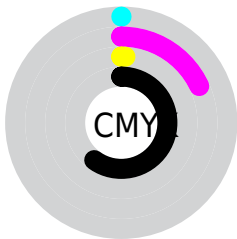
# Distribution



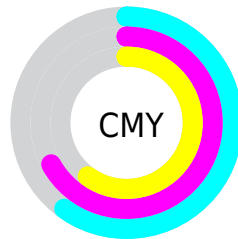
- Red (40%)
- Green (33%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 665465 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 665465 by changing the saturation by 10% instead.



665465

665465

FFFFFF

4E3D4D

998698

372736

B4A0B3

211321

D0BBCE

020009

ECD7EA

000000

FFF3FF

665465

665465

664A64

665E66

664064

666866

663563

667367

662B63

667D67

662162

668768

661762

669168

660D61

669B69

660260

66A66A

660060

66B06A

# Harmonies

## Analogous

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



5A576C



665465



6D525B

# Triad

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



665465



635845



3D5F62

# Complementary

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



665465



546655

# 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.



415F58



665465



575C47

# Square

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



665465



6B5548



4C5E4E



415E6B

# Rectangle

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



665465



6F5254



4C5E4E



3E5F5F



# Sweetspot

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



665465



857E84



555466



423E42



C2C2C2



424242



# Same Dimension

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



665465



856983



66545C



332E33



73006C



F200E5



# Inverse Universe

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



665465



856983



54665E



332E33



73006C



F200E5



# Previews

## White Background



This preview shows how the Hex color 665465 looks on a white background.

## Color Contrast Check

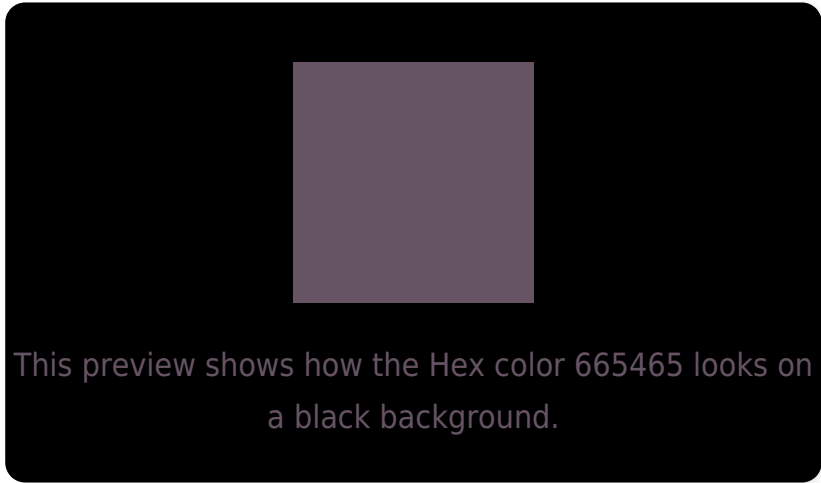
Large Text (above 18pt) WCAG AA ✓ Pass

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

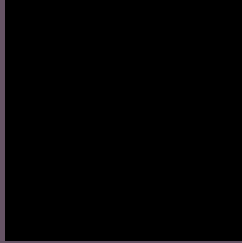
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665465 Background



This preview shows how black text looks on a background with the Hex color 665465.



This preview shows how white text looks on a background with the Hex color 665465.

# 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**  
665465

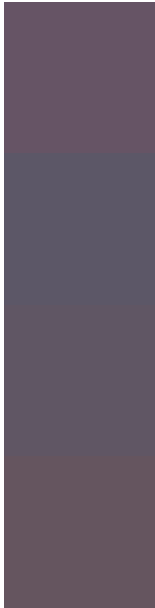
**Protanopia**  
575968

**Deuteranopia**  
5D5764



**Tritanopia**  
65565C

# Trichromacy



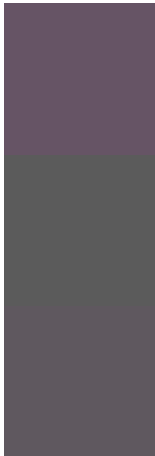
**Original Color**  
665465

**Protanomaly**  
5C5767

**Deuteranomaly**  
605664

**Tritanomaly**  
65555F

# Monochromacy



**Original Color**  
665465

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5F585F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665465 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 #665465 looks like.

```
.text, #text, p{  
    color:#665465  
}
```

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 #665465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665465
}
```

## Border

The CSS property to change the border of an element to Hex 665465 is called "border". The border property can be set on classes, ids or directly on the HTML element.

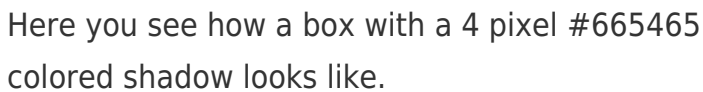
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665465 }
```

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

```
.border{ border-color:#665465 }
```

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



Here you see how a box with a 4 pixel #665465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665465; -webkit-box-shadow:4px 4px  
4px 4px #665465; box-shadow:4px 4px 4px  
4px #665465 }
```

# Background

The CSS property to change the background color of an element to Hex 665465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665465 }
```

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

```
.background{ background-color:#665465 }
```

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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