

# Converting Colors

Hex(665D6C)

Have a look what the booklet for  
Hex(665D6C) contains.

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# Color

Hex(665D6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	665D6C
RGB	102, 93, 108
RGB Percent	40%, 36%, 42%
CMY	0.6000, 0.6353, 0.5765
CMYK	0.06, 0.14, 0.00, 0.58
HSL	276°, 7%, 39%
HSV	276°, 14%, 42%
XYZ	12.1006, 11.7362, 15.8149
YIQ	97.4010, 0.5490, 6.5730

# Conversions

## Conversions Part 2

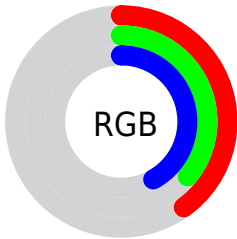
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 93, 108
Decimal	6708588
CIELab	40.79, 6.73, -7.21
CIElCh	41, 9.865, 313.029
Yxy	11.7362, 0.3052, 0.2960
Android (android.graphics.Color)	4284898668 (0xFF665D6C)
YUV	97.4010, 5.2253, 4.0333
Hunter-Lab	34.2581, 3.0978, -3.3899

# Details

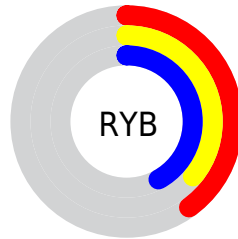
The Hex color **665D6C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **636C5D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **998F9F**, and **372F3D** is the 20% darker color. If you saturate the color by 10%, you get **62526C**, and if you desaturate by 10%, it is **6A686C**.

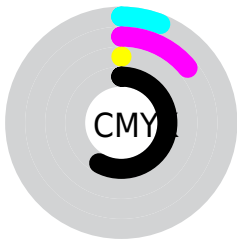
# Distribution



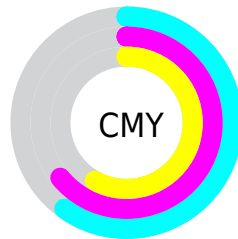
- Red (40%)
- Green (36%)
- Blue (42%)



- Red (40%)
- Yellow (36%)
- Blue (42%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (64%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665D6C 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 665D6C by changing the saturation by 10% instead.





665D6C



665D6C

FFFFFF



4E4554



998F9F



372F3D



B4AABA



221A27



CFC5D6



0C0013



ECE1F2



000000

FFFEFF



665D6C



665D6C



62526C



6A686C



5D476C



6F736C

■ 593D6C

■ 737D6C

■ 55326C

■ 77886C

■ 50276C

■ 7C936C

■ 4C1C6C

■ 809E6C

■ 48116C

■ 84A96C

■ 43076C

■ 89B36C

■ 41006C

■ 8DBE6C

# Harmonies

## Analogous

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



5C6070



665D6C



6E5B65

# Triad

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



665D6C



6B5E51



4C6563

# Complementary

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



665D6C



636C5D

# 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.



51655B



665D6C



636150

# Square

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



665D6C



705C55



5A6354



4C646B

# Rectangle

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



665D6C



715B60



5A6354



4D6561



# Sweetspot

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



665D6C



8A878C



5D636C



464447



C7C7C7



474747



# Same Dimension

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



665D6C



83748C



6C5D6B



333036



460075



9300F5



# Inverse Universe

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



6C5D63



8C747E



5D6C5E



363032



75002F



F50062



# Previews

## White Background



This preview shows how the Hex color 665D6C looks on a white background.

## Color Contrast Check

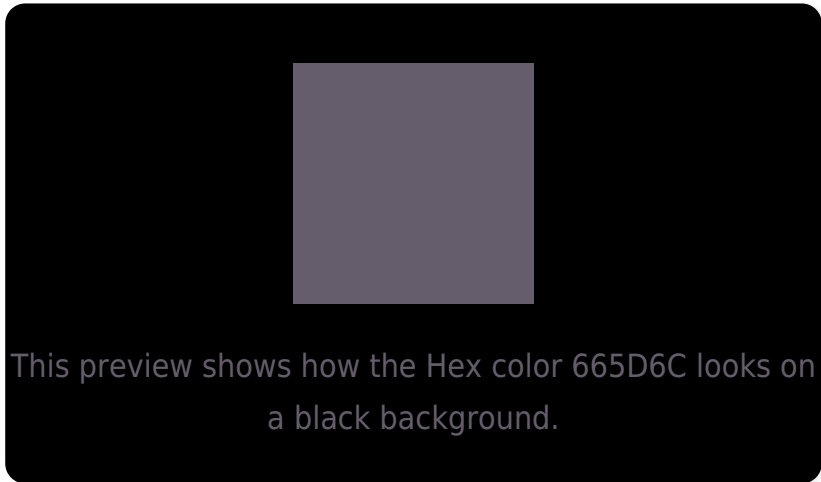
Large Text (above 18pt) WCAG AA ✓ Pass

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

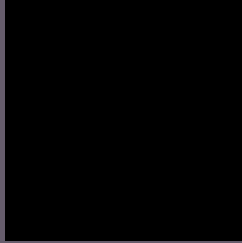
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665D6C Background



This preview shows how black text looks on a background with the Hex color 665D6C.



This preview shows how white text looks on a background with the Hex color 665D6C.

# 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**  
665D6C

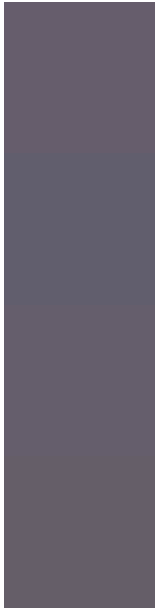
**Protanopia**  
5E5F6E

**Deuteranopia**  
645E6C



**Tritanopia**  
655E66

# Trichromacy



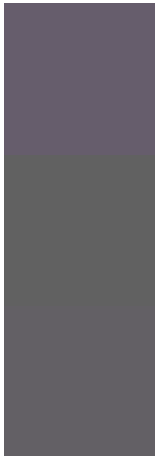
**Original Color**  
665D6C

**Protanomaly**  
615E6D

**Deuteranomaly**  
655E6C

**Tritanomaly**  
655E68

# Monochromacy



**Original Color**  
665D6C

**Achromatopsia**  
616161

**Achromatomaly**  
636065

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665D6C 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 #665D6C looks like.

```
.text, #text, p{  
    color:#665D6C  
}
```

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 #665D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665D6C
}
```

## Border

The CSS property to change the border of an element to Hex 665D6C is called "border". The border property can be set on classes, ids or directly on the HTML element.

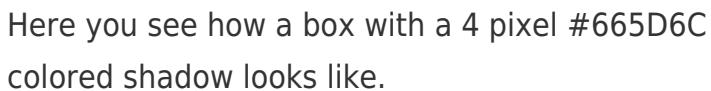
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665D6C }
```

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

```
.border{ border-color:#665D6C }
```

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



Here you see how a box with a 4 pixel #665D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665D6C; -webkit-box-shadow:4px 4px  
4px 4px #665D6C; box-shadow:4px 4px 4px  
4px #665D6C }
```

# Background

The CSS property to change the background color of an element to Hex 665D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665D6C }
```

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

```
.background{ background-color:#665D6C }
```

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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