

# Converting Colors

Hex(666158)

Have a look what the booklet for  
Hex(666158) contains.

<b>Hex(666158)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(666158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	666158
RGB	102, 97, 88
RGB Percent	40%, 38%, 35%
CMY	0.6000, 0.6196, 0.6549
CMYK	0.00, 0.05, 0.14, 0.60
HSL	39°, 7%, 37%
HSV	39°, 14%, 40%
XYZ	11.5156, 12.0787, 10.9570
YIQ	97.4690, 5.8690, -1.7390

# Conversions

## Conversions Part 2

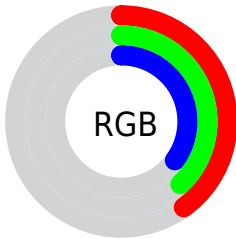
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 102, 88
Decimal	6709592
CIE <sub>Lab</sub>	41.34, 0.25, 5.84
CIE <sub>LCh</sub>	41, 5.843, 87.528
Yxy	12.0787, 0.3333, 0.3496
Android (android.graphics.Color)	4284899672 (0xFF666158)
YUV	97.4690, -4.6682, 3.9737
Hunter-Lab	34.7545, -1.6758, 5.6359

# Details

The Hex color **666158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585D66**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **99948A**, and **37332B** is the 20% darker color. If you saturate the color by 10%, you get **665D4E**, and if you desaturate by 10%, it is **666562**.

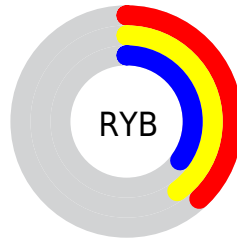
# Distribution



Red (40%)

Green (38%)

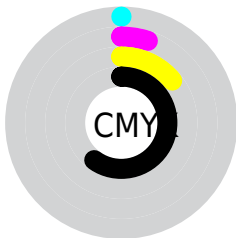
Blue (35%)



Red (38%)

Yellow (40%)

Blue (35%)

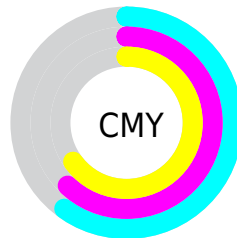


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666158 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 666158 by changing the saturation by 10% instead.





666158



666158

FFFFFF



4E4941



99948A



37332B



B4AEA4



221E16



CFC9BF



080400



ECE6DB



000000



FFFFF8



666158



666158



665D4E



666562



665A44



66686C

■ 665639

■ 666C77

■ 66522F

■ 667081

■ 664F25

■ 66738B

■ 664B1B

■ 667795

■ 664711

■ 667B9F

■ 664406

■ 667EAA

■ 664200

■ 6682B4

# Harmonies

## Analogous

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



6A605A



666158



616359

# Triad

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



666158



566466



685F67

# Complementary

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



666158



585D66

# 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.



62606A



666158



586369

# Square

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



666158



576461



5C626B



6B5E62

# Rectangle

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



666158



5D635B



5C626B



665F68



# Sweetspot

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



666158



85837F



66585D



42413F



C2C2C2



424242



# Same Dimension

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



666158



857D6F



646658



33312E



734A00



F29C00



# Inverse Universe

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



585D66



6F7785



5A5866



2E3033



002973



0057F2



# Previews

## White Background



This preview shows how the Hex color 666158 looks on a white background.

## Color Contrast Check

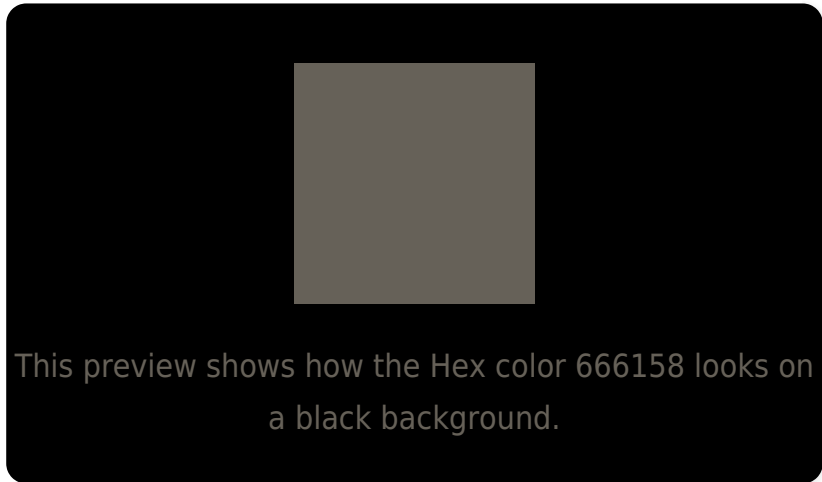
Large Text (above 18pt) WCAG AA ✓ Pass

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

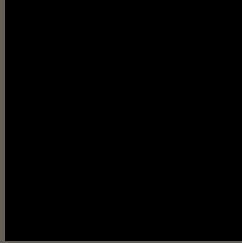
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 666158 Background



This preview shows how black text looks on a background with the Hex color 666158.



This preview shows how white text looks on a background with the Hex color 666158.

# 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**

666158

**Protanopia**

656158

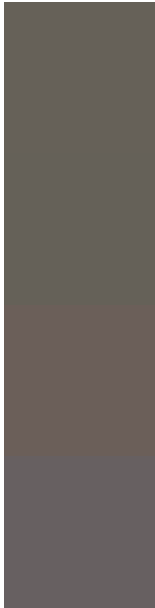
**Deuteranopia**

6E5E59



**Tritanopia**  
685F66

# Trichromacy



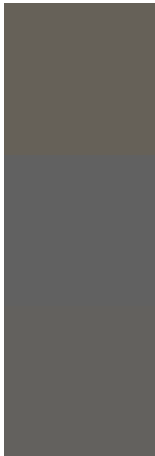
**Original Color**  
666158

**Protanomaly**  
656158

**Deuteranomaly**  
6B5F59

**Tritanomaly**  
676061

# Monochromacy



**Original Color**  
666158

**Achromatopsia**  
616161

**Achromatomaly**  
63615E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666158 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 #666158 looks like.

```
.text, #text, p{  
    color:#666158  
}
```

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 #666158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666158
}
```

## Border

The CSS property to change the border of an element to Hex 666158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

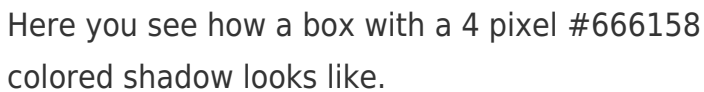
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666158 }
```

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

```
.border{ border-color:#666158 }
```

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



Here you see how a box with a 4 pixel #666158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666158; -webkit-box-shadow:4px 4px  
4px 4px #666158; box-shadow:4px 4px 4px  
4px #666158 }
```

# Background

The CSS property to change the background color of an element to Hex 666158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666158 }
```

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

```
.background{ background-color:#666158 }
```

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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