

# Converting Colors

Hex(666857)

Have a look what the booklet for  
Hex(666857) contains.

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# Color

**Hex(666857)**

# Conversions

## Conversions Part 1

Format	Color
Hex	666857
RGB	102, 104, 87
RGB Percent	40%, 41%, 34%
CMY	0.6000, 0.5922, 0.6588
CMYK	0.02, 0.00, 0.16, 0.59
HSL	67°, 9%, 37%
HSV	67°, 16%, 41%
XYZ	12.1501, 13.4135, 10.9655
YIQ	101.4640, 4.2650, -5.7110

# Conversions

## Conversions Part 2

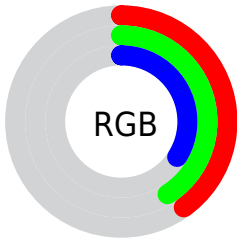
Format	Color
R <sub>Y</sub> B	87, 104, 89
Decimal	6711383
CIE Lab	43.38, -4.07, 9.33
CIE LCh	43, 10.179, 113.589
Yxy	13.4135, 0.3326, 0.3672
Android (android.graphics.Color)	4284901463 (0xFF666857)
YUV	101.4640, -7.1308, 0.4701
Hunter-Lab	36.6245, -4.8758, 7.8855

# Details

The Hex color **666857** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595768**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **999B89**, and **37392A** is the 20% darker color. If you saturate the color by 10%, you get **65684D**, and if you desaturate by 10%, it is **676861**.

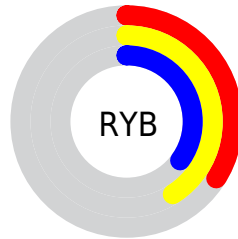
# Distribution



Red (40%)

Green (41%)

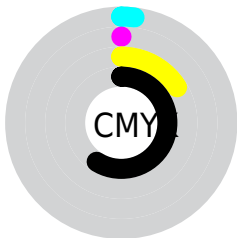
Blue (34%)



Red (34%)

Yellow (41%)

Blue (35%)

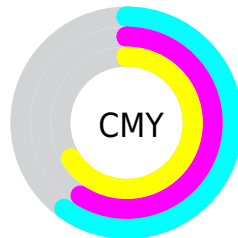


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (59%)



Cyan (60%)

Magenta (59%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666857 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 666857 by changing the saturation by 10% instead.





666857



666857

FFFFFF



4E5040



999B89



37392A



B4B6A3



222415



CFD1BE



080E00



ECEEDA



000000



FFFFF6



666857



666857



65684D



676861



646842



68686C

■ 626838

■ 6A6876

■ 61682D

■ 6B6881

■ 606823

■ 6C688B

■ 5F6819

■ 6D6895

■ 5D680E

■ 6F68A0

■ 5C6804

■ 7068AA

■ 5C6800

■ 7168B5

# Harmonies

## Analogous

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



6F6556



666857



5C6A5C

# Triad

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



666857



536A74



766169

# Complementary

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



666857



595768

# 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.



706271



666857



5B6877

# Square

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



666857



516B6D



666576



786160

# Rectangle

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



666857



576B61



666576



75616B



# Sweetspot

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



666857



868780



685957



444541



C4C4C4



454545



# Same Dimension

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



666857



84876C



5E6857



32332E



657300



D6F200



# Inverse Universe

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



595768



6F6C87



615768



2F2E33



0D0073



1C00F2



# Previews

## White Background



This preview shows how the Hex color 666857 looks on a white background.

## Color Contrast Check

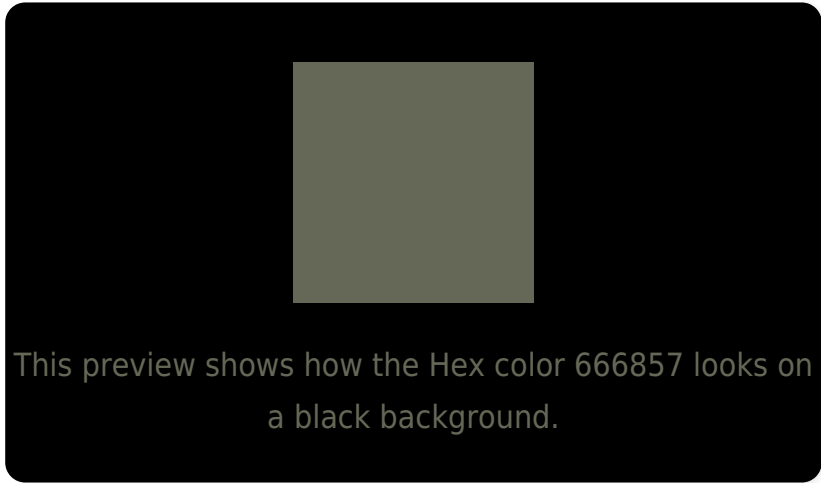
Large Text (above 18pt) WCAG AA ✓ Pass

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

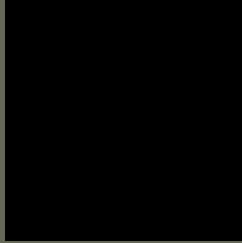
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 666857 Background



This preview shows how black text looks on a background with the Hex color 666857.



This preview shows how white text looks on a background with the Hex color 666857.

# 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**


666857

**Protanopia**

6C6656

**Deuteranopia**

756358



**Tritanopia**  
69656D

# Trichromacy



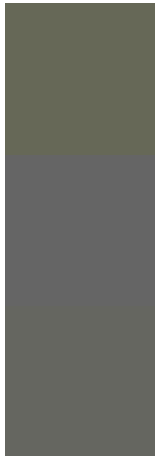
**Original Color**  
666857

**Protanomaly**  
6A6756

**Deuteranomaly**  
706558

**Tritanomaly**  
686665

# Monochromacy



**Original Color**  
666857

**Achromatopsia**  
656565

**Achromatomaly**  
656660

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666857 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 #666857 looks like.

```
.text, #text, p{  
    color:#666857  
}
```

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 #666857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666857
}
```

## Border

The CSS property to change the border of an element to Hex 666857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

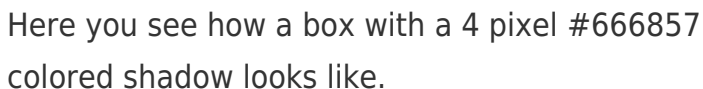
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666857 }
```

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

```
.border{ border-color:#666857 }
```

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



Here you see how a box with a 4 pixel #666857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666857; -webkit-box-shadow:4px 4px  
4px 4px #666857; box-shadow:4px 4px 4px  
4px #666857 }
```

# Background

The CSS property to change the background color of an element to Hex 666857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666857 }
```

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

```
.background{ background-color:#666857 }
```

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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