

# Converting Colors

Hex(666736)

Have a look what the booklet for  
Hex(666736) contains.

<b>Hex(666736)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(666736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	666736
RGB	102, 103, 54
RGB Percent	40%, 40%, 21%
CMY	0.6000, 0.5961, 0.7882
CMYK	0.01, 0.00, 0.48, 0.60
HSL	61°, 31%, 31%
HSV	61°, 48%, 40%
XYZ	10.9956, 12.7916, 5.3795
YIQ	97.1150, 15.1330, -15.4510

# Conversions

## Conversions Part 2

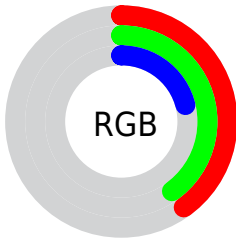
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 103, 55
Decimal	6711094
CIELab	42.45, -8.30, 27.38
CIELCh	42, 28.614, 106.861
Yxy	12.7916, 0.3770, 0.4386
Android (android.graphics.Color)	4284901174 (0xFF666736)
YUV	97.1150, -21.2557, 4.2841
Hunter-Lab	35.7654, -7.7119, 16.1179

# Details

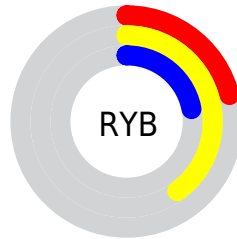
The Hex color **666736** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **373667**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9A9A66**, and **353809** is the 20% darker color. If you saturate the color by 10%, you get **66672C**, and if you desaturate by 10%, it is **666740**.

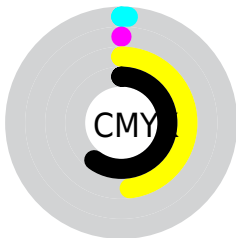
# Distribution



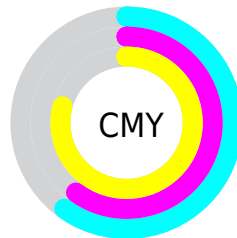
- Red (40%)
- Green (40%)
- Blue (21%)



- Red (21%)
- Yellow (40%)
- Blue (22%)



- Cyan (1%)
- Magenta (0%)
- Yellow (48%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 666736 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 666736 by changing the saturation by 10% instead.





666736



666736

FFFFFF



4D4F1F



9A9A66



353809



B5B57F



202300



D1D099



000E00



EEECB4



000000



FFFFD0



FFFFED



666736



666736



66672C



666740

■ 666721

■ 66674B

■ 656717

■ 676755

■ 65670D

■ 67675F

■ 656702

■ 67676A

■ 656700

■ 676774

■ 67677E

■ 686788

■ 686793

# Harmonies

## Analogous

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



7C5F36



666736



4B6D43

# Triad

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



666736



006F86



8B5370

# Complementary

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



666736



373667

# 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.



775985



666736



2A6A92

# Square

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



666736



007171



576291



925258

# Rectangle

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



666736



376F51



576291



865477



# Sweetspot

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



666736



878774



673736



454539



C4C4C4



454545



# Same Dimension

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



666736



86873A



4E6736



33332E



707300



EDF200



# Inverse Universe

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



373667



3C3A87



4F3667



2E2E33



020073



0500F2



# Previews

## White Background



This preview shows how the Hex color 666736 looks on a white background.

## Color Contrast Check

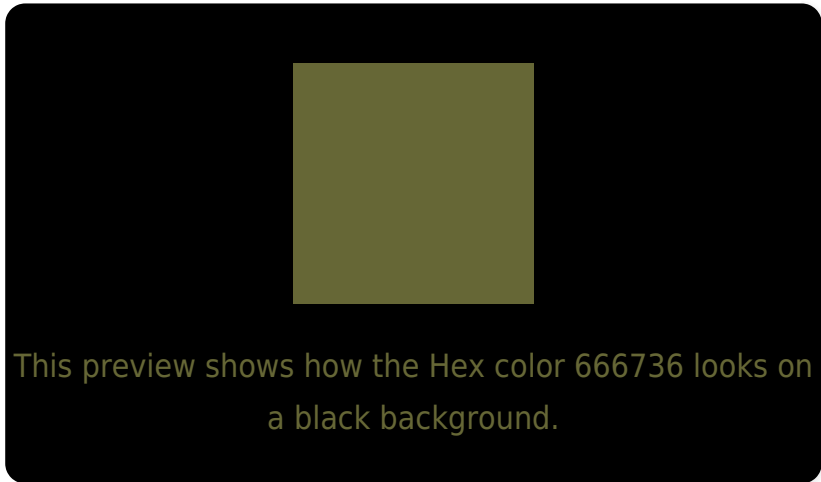
Large Text (above 18pt) WCAG AA ✓ Pass

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

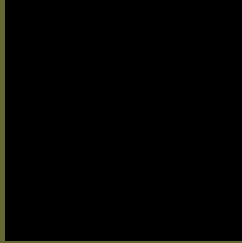
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

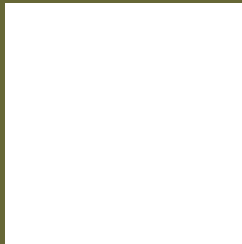
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 666736 Background



This preview shows how black text looks on a background with the Hex color 666736.



This preview shows how white text looks on a background with the Hex color 666736.

# 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**  
666736

**Protanopia**  
6E6435

**Deuteranopia**  
7A6038



**Tritanopia**  
6B6169

# Trichromacy



**Original Color**  
666736

**Protanomaly**  
6B6535

**Deuteranomaly**  
736337

**Tritanomaly**  
696356

# Monochromacy



**Original Color**  
666736

**Achromatopsia**  
616161

**Achromatomaly**  
636351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 666736 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 #666736 looks like.

```
.text, #text, p{  
    color:#666736  
}
```

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 #666736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666736
}
```

## Border

The CSS property to change the border of an element to Hex 666736 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
#666736 }
```

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

```
.border{ border-color:#666736 }
```

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

Here you see how a box with a 4 pixel #666736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666736; -webkit-box-shadow:4px 4px  
4px 4px #666736; box-shadow:4px 4px 4px  
4px #666736 }
```

# Background

The CSS property to change the background color of an element to Hex 666736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666736 }
```

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

```
.background{ background-color:#666736 }
```

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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