

# Converting Colors

Hex(766036)

Have a look what the booklet for  
Hex(766036) contains.

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**Color**

**Hex(766036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	766036
RGB	118, 96, 54
RGB Percent	46%, 38%, 21%
CMY	0.5373, 0.6235, 0.7882
CMYK	0.00, 0.19, 0.54, 0.54
HSL	39°, 37%, 34%
HSV	39°, 54%, 46%
XYZ	12.3199, 12.4836, 5.2503
YIQ	97.7900, 26.5940, -8.3980

# Conversions

## Conversions Part 2

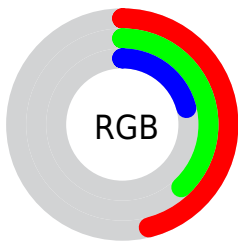
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 118, 54
Decimal	7757878
CIELab	41.97, 3.15, 27.16
CIElCh	42, 27.343, 83.381
Yxy	12.4836, 0.4099, 0.4154
Android (android.graphics.Color)	4285947958 (0xFF766036)
YUV	97.7900, -21.5885, 17.7242
Hunter-Lab	35.3322, 0.4096, 15.9222

# Details

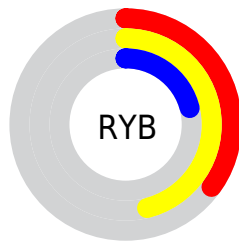
The Hex color **766036** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **364C76**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AC9266**, and **433209** is the 20% darker color. If you saturate the color by 10%, you get **765C2A**, and if you desaturate by 10%, it is **766442**.

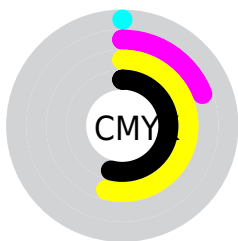
# Distribution



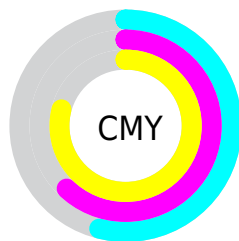
- Red (46%)
- Green (38%)
- Blue (21%)



- Red (35%)
- Yellow (46%)
- Blue (21%)



- Cyan (0%)
- Magenta (19%)
- Yellow (54%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 766036 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 766036 by changing the saturation by 10% instead.



 766036

 766036

FFFFFF

 5C4820

 AC9266

 433209

 C8AD7F

 2C1D00

 E4C899

 120400

 FFE4B4

 000000

 FFFF00

 FFFFEC

 766036

 766036

 765C2A

 766442

■ 76581E

■ 76684E

■ 765413

■ 766C59

■ 765007

■ 767065

■ 764D00

■ 767471

■ 76787D

■ 767C89

■ 768094

■ 7685A0

# Harmonies

## Analogous

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



875840



766036



606739

# Triad

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



766036



006F74



7B577E

# Complementary

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



766036



364C76

# 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.



5E5F8C



766036



006C87

# Square

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



766036



256F5D



37678F



8B5269

# Rectangle

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



766036



4F6B41



37678F



725984



# Sweetspot

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



766036



999181



76364C



4D483E



CCCCCC



4D4D4D



# Same Dimension

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



766036



997736



6C7636



3B3935



7A5000



FAA400



# Inverse Universe

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



364C76



365899



403676



35373B



002A7A



0056FA



# Previews

## White Background



This preview shows how the Hex color 766036 looks on a white background.

## Color Contrast Check

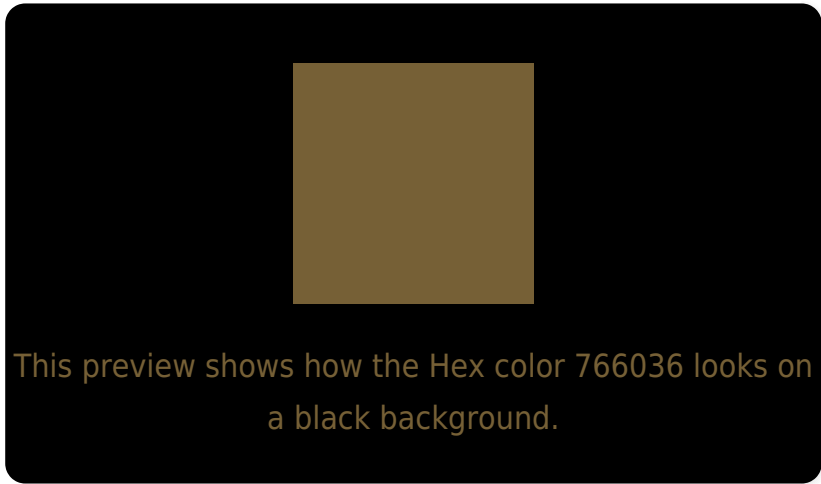
Large Text (above 18pt) WCAG AA ✓ Pass

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

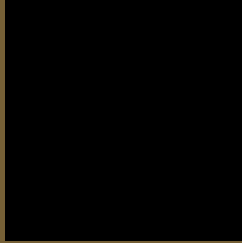
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 766036 Background



This preview shows how black text looks on a background with the Hex color 766036.



This preview shows how white text looks on a background with the Hex color 766036.

# 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**  
766036

**Protanopia**  
6D6337

**Deuteranopia**  
795F36



**Tritanopia**  
7A5B62

# Trichromacy



**Original Color**  
766036

**Protanomaly**  
706237

**Deuteranomaly**  
785F36

**Tritanomaly**  
795D52

# Monochromacy



**Original Color**  
766036

**Achromatopsia**  
626262

**Achromatomaly**  
696152

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 766036 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 #766036 looks like.

```
.text, #text, p{  
    color:#766036  
}
```

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 #766036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #766036
}
```

## Border

The CSS property to change the border of an element to Hex 766036 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
#766036 }
```

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

```
.border{ border-color:#766036 }
```

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

Here you see how a box with a 4 pixel #766036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #766036; -webkit-box-shadow:4px 4px  
4px 4px #766036; box-shadow:4px 4px 4px  
4px #766036 }
```

# Background

The CSS property to change the background color of an element to Hex 766036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#766036 }
```

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

```
.background{ background-color:#766036 }
```

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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