

# Converting Colors

Hex(767306)

Have a look what the booklet for  
Hex(767306) contains.

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**Color**

**Hex(767306)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767306
RGB	118, 115, 6
RGB Percent	46%, 45%, 2%
CMY	0.5373, 0.5490, 0.9765
CMYK	0.00, 0.03, 0.95, 0.54
HSL	58°, 90%, 24%
HSV	58°, 95%, 46%
XYZ	13.6348, 16.1262, 2.5663
YIQ	103.4710, 36.7770, -33.2630

# Conversions

## Conversions Part 2

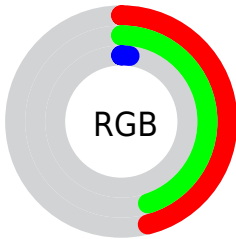
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	9, 118, 6
Decimal	7762694
CIE Lab	47.14, -10.41, 51.52
CIE LCh	47, 52.560, 101.425
Yxy	16.1262, 0.4218, 0.4988
Android (android.graphics.Color)	4285952774 (0xFF767306)
YUV	103.4710, -48.0532, 12.7419
Hunter-Lab	40.1574, -9.6686, 24.3212

# Details

The Hex color **767306** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **060976**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **ADA742**, and **424300** is the 20% darker color. If you saturate the color by 10%, you get **767300**, and if you desaturate by 10%, it is **767312**.

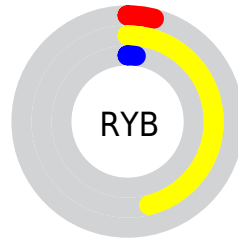
# Distribution



Red (46%)

Green (45%)

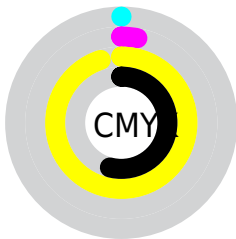
Blue (2%)



Red (4%)

Yellow (46%)

Blue (2%)

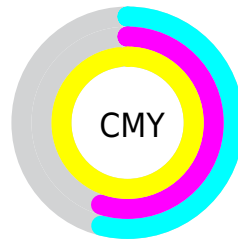


Cyan (0%)

Magenta (3%)

Yellow (95%)

Black (54%)



Cyan (54%)

Magenta (55%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767306 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 767306 by changing the saturation by 10% instead.



 767306

 767306

FFFFFF

 5B5B00

 ADA742

 424300

 CAC25C

 282D00

 E7DE76

 0D1900

 FFFA91

 000000

 FFFFAC

 FFFFC8

 FFFF E5

 767306

 767306

■ 767300

■ 767312

■ 76741E

■ 767429

■ 767435

■ 767541

■ 76754D

■ 767559

■ 767664

■ 767670

# Harmonies

## Analogous

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



9C6314



767306



457D28

# Triad

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



767306



0083A9



B14A8D

# Complementary

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



767306



060976

# 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.



875CB3



767306



007CC4

# Square

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



767306



008580



2F6FC7



BF4461

# Rectangle

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



767306



008143



2F6FC7



A64F9B



# Sweetspot

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



767306



99986E



76060A



4D4C32



CCCCCC



4D4D4D



# Same Dimension

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



767306



999500



427606



3B3A35



7A7700



FAF300



# Inverse Universe

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



060976



000499



3A0676



35353B



00037A



0007FA



# Previews

## White Background



This preview shows how the Hex color 767306 looks on a white background.

## Color Contrast Check

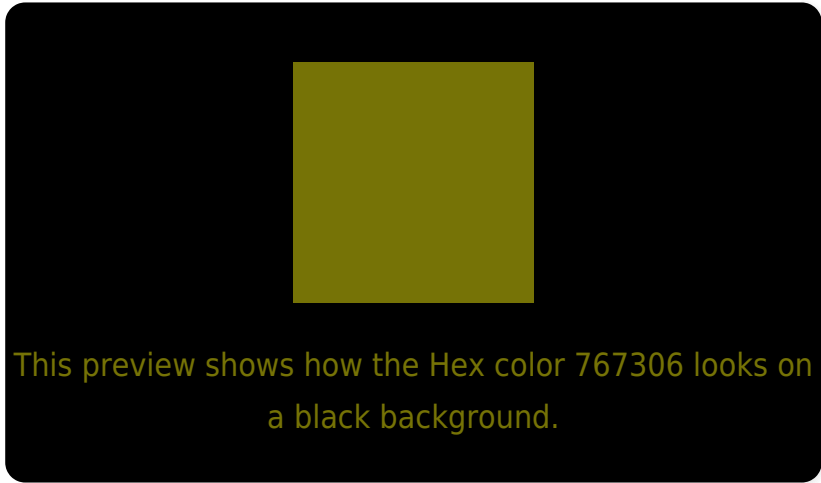
Large Text (above 18pt) WCAG AA ✓ Pass

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 767306 Background



This preview shows how black text looks on a background with the Hex color 767306.



This preview shows how white text looks on a background with the Hex color 767306.

# 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**  
767306

**Protanopia**  
7E7003

**Deuteranopia**  
8D6A12



**Tritanopia**  
7D6B73

# Trichromacy



**Original Color**  
767306

**Protanomaly**  
7B7104

**Deuteranomaly**  
856D0E

**Tritanomaly**  
7A6E4B

# Monochromacy



**Original Color**  
767306

**Achromatopsia**  
676767

**Achromatomaly**  
6C6B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767306 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 #767306 looks like.

```
.text, #text, p{  
    color:#767306  
}
```

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 #767306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767306
}
```

## Border

The CSS property to change the border of an element to Hex 767306 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
#767306 }
```

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

```
.border{ border-color:#767306 }
```

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

Here you see how a box with a 4 pixel #767306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767306; -webkit-box-shadow:4px 4px  
4px 4px #767306; box-shadow:4px 4px 4px  
4px #767306 }
```

# Background

The CSS property to change the background color of an element to Hex 767306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767306 }
```

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

```
.background{ background-color:#767306 }
```

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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