

# Converting Colors

Hex(767D00)

Have a look what the booklet for  
Hex(767D00) contains.

<b>Hex(767D00)</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(767D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	767D00
RGB	118, 125, 0
RGB Percent	46%, 49%, 0%
CMY	0.5373, 0.5098, 1.0000
CMYK	0.06, 0.00, 1.00, 0.51
HSL	63°, 100%, 25%
HSV	63°, 100%, 49%
XYZ	14.8048, 18.5188, 2.7942
YIQ	108.6570, 35.9530, -40.3590

# Conversions

## Conversions Part 2

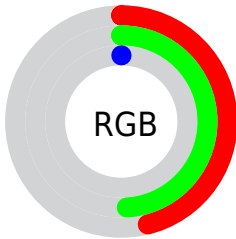
Format	Color
<a href="#">RYB</a>	<a href="#">0, 125, 7</a>
Decimal	<a href="#">7765248</a>
CIELab	<a href="#">50.12, -15.97, 55.01</a>
CIELCh	<a href="#">50, 57.279, 106.192</a>
Yxy	<a href="#">18.5188, 0.4099, 0.5127</a>
Android (android.graphics.Color)	<a href="#">4285955328 (0xFF767D00)</a>
YUV	<a href="#">108.6570, -53.5679, 8.1938</a>
Hunter-Lab	<a href="#">43.0335, -13.8991, 26.2737</a>

# Details

The Hex color **767D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **07007D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **ADB141**, and **424C00** is the 20% darker color. If you saturate the color by 10%, you get **767D00**, and if you desaturate by 10%, it is **777D0C**.

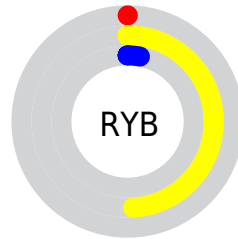
# Distribution



Red (46%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (3%)

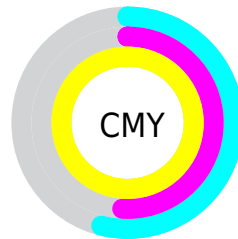


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (54%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767D00 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 767D00 by changing the saturation by 10% instead.



 767D00

 767D00

FFFFFF

 5B6400

 ADB141

 424C00

 CACD5C

 283600

 E7E976

 0E2100

 FFFF91

 000100

 FFFFAD

 000000

 FFFFC9

 FFFF E6

 767D00

 777D0C

 777D19

 787D26

 797D32

 7A7D3F

 7A7D4B

 7B7D57

 7C7D64

 7C7D71

# Harmonies

## Analogous

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



A16D07



767D00



3B872E

# Triad

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



767D00



008BBD



C34A90

# Complementary

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



767D00



07007D

# 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.



9B5EBB



767D00



0083D6

# Square

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



767D00



008E91



4574D5



CE475F

# Rectangle

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



767D00



008B4E



4574D5



B94FA0



# Sweetspot

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



767D00



A0A372



7D0600



505234



D1D1D1



525252



# Same Dimension

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



767D00



9AA300



387D00



3F4039



788000



000000



# Inverse Universe

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



07007D



0900A3



45007D



3A3940



070080



000000



# Previews

## White Background



This preview shows how the Hex color 767D00 looks on a white background.

## Color Contrast Check

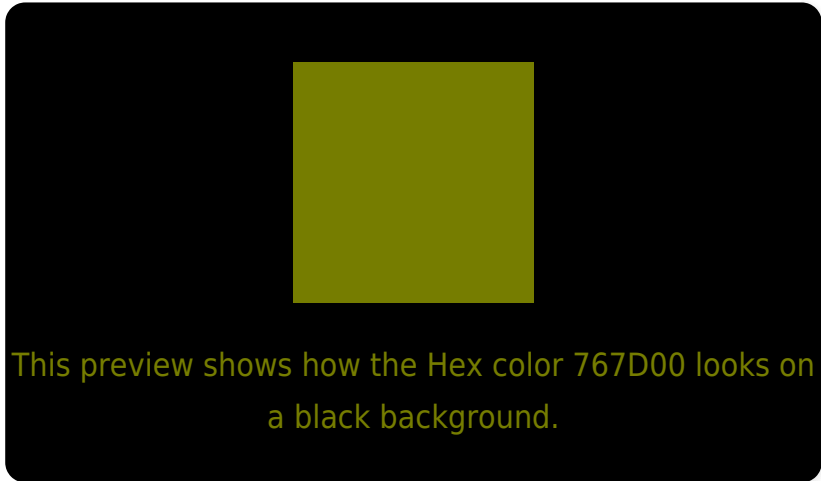
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 767D00 Background



This preview shows how black text looks on a background with the Hex color 767D00.



This preview shows how white text looks on a background with the Hex color 767D00.

# 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**  
767D00

**Protanopia**  
877800

**Deuteranopia**  
967114



**Tritanopia**  
7F747D

# Trichromacy



**Original Color**  
767D00

**Protanomaly**  
817A00

**Deuteranomaly**  
8A750D

**Tritanomaly**  
7C7750

# Monochromacy



**Original Color**  
767D00

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
707345

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767D00 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 #767D00 looks like.

```
.text, #text, p{  
    color:#767D00  
}
```

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 #767D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767D00
}
```

## Border

The CSS property to change the border of an element to Hex 767D00 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
#767D00 }
```

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

```
.border{ border-color:#767D00 }
```

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

Here you see how a box with a 4 pixel #767D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767D00; -webkit-box-shadow:4px 4px  
4px 4px #767D00; box-shadow:4px 4px 4px  
4px #767D00 }
```

# Background

The CSS property to change the background color of an element to Hex 767D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767D00 }
```

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

```
.background{ background-color:#767D00 }
```

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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