

# Converting Colors

Hex(767A11)

Have a look what the booklet for  
Hex(767A11) contains.

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**Color**

**Hex(767A11)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767A11
RGB	118, 122, 17
RGB Percent	46%, 48%, 7%
CMY	0.5373, 0.5216, 0.9333
CMYK	0.03, 0.00, 0.86, 0.52
HSL	62°, 76%, 27%
HSV	62°, 86%, 48%
XYZ	14.5319, 17.8111, 3.2023
YIQ	108.8340, 31.3210, -33.5030

# Conversions

## Conversions Part 2

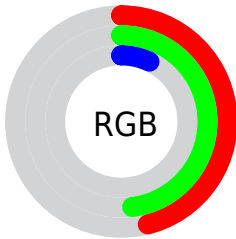
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 122, 21
Decimal	7764497
CIELab	49.27, -13.96, 50.79
CIELCh	49, 52.676, 105.366
Yxy	17.8111, 0.4088, 0.5011
Android (android.graphics.Color)	4285954577 (0xFF767A11)
YUV	108.8340, -45.2742, 8.0386
Hunter-Lab	42.2032, -12.3922, 25.0434

# Details

The Hex color **767A11** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **15117A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **ADAE49**, and **424A00** is the 20% darker color. If you saturate the color by 10%, you get **767A05**, and if you desaturate by 10%, it is **767A1D**.

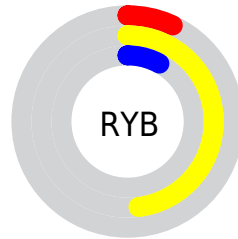
# Distribution



Red (46%)

Green (48%)

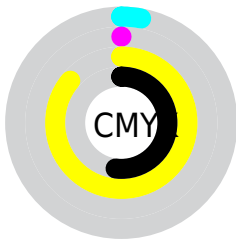
Blue (7%)



Red (7%)

Yellow (48%)

Blue (8%)

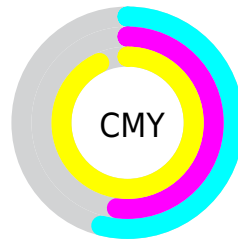


Cyan (3%)

Magenta (0%)

Yellow (86%)

Black (52%)



Cyan (54%)

Magenta (52%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767A11 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 767A11 by changing the saturation by 10% instead.



 767A11

 767A11

FFFFFF

 5B6100

 ADAE49

 424A00

 CACA63

 283300

 E7E67D

 0F1E00

 FFFF98

 000000

 FFFFB3

 FFFF00

FFFD00

 FFFFEC

FFFFEC

 767A11

 767A11

■ 767A05

■ 767A1D

■ 757A00

■ 777A29

■ 777A36

■ 787A42

■ 787A4E

■ 797A5A

■ 797A66

■ 7A7A73

■ 7A7A7F

# Harmonies

## Analogous

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



9E6B16



767A11



428432

# Triad

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



767A11



0088B4



BB4D8D

# Complementary

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



767A11



15117A

# 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.



945FB4



767A11



0080CC

# Square

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



767A11



008A8B



4872CC



C64B60

# Rectangle

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



767A11



00884E



4872CC



B1529B



# Sweetspot

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



767A11



9D9E75



7A1411



4E4F37



CFCFCF



4F4F4F



# Same Dimension

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



767A11



989E00



427A11



3D3D37



787D00



F3FC00



# Inverse Universe

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



15117A



06009E



49117A



37373D



05007D



0A00FC



# Previews

## White Background



This preview shows how the Hex color 767A11 looks on a white background.

## Color Contrast Check

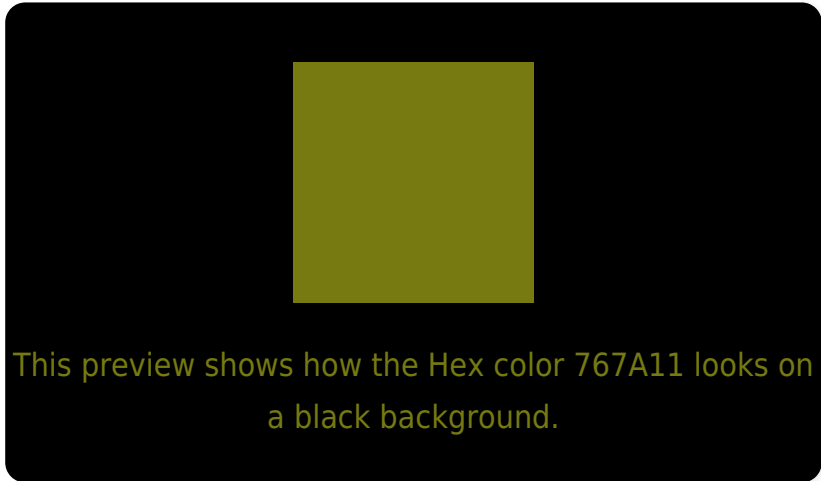
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 767A11 Background



This preview shows how black text looks on a background with the Hex color 767A11.



This preview shows how white text looks on a background with the Hex color 767A11.

# 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**  
767A11

**Protanopia**  
847510

**Deuteranopia**  
936F19



**Tritanopia**  
7E717A

# Trichromacy



**Original Color**  
767A11

**Protanomaly**  
7F7710

**Deuteranomaly**  
887316

**Tritanomaly**  
7B7454

# Monochromacy



**Original Color**  
767A11

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
70724C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767A11 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 #767A11 looks like.

```
.text, #text, p{  
    color:#767A11  
}
```

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 #767A11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767A11
}
```

## Border

The CSS property to change the border of an element to Hex 767A11 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
#767A11 }
```

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

```
.border{ border-color:#767A11 }
```

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

Here you see how a box with a 4 pixel #767A11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767A11; -webkit-box-shadow:4px 4px  
4px 4px #767A11; box-shadow:4px 4px 4px  
4px #767A11 }
```

# Background

The CSS property to change the background color of an element to Hex 767A11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767A11 }
```

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

```
.background{ background-color:#767A11 }
```

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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