

# Converting Colors

Hex(6F7711)

Have a look what the booklet for  
Hex(6F7711) contains.

<b>Hex(6F7711)</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(6F7711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F7711
RGB	111, 119, 17
RGB Percent	44%, 47%, 7%
CMY	0.5647, 0.5333, 0.9333
CMYK	0.07, 0.00, 0.86, 0.53
HSL	65°, 75%, 27%
HSV	65°, 86%, 47%
XYZ	13.2535, 16.6136, 3.0385
YIQ	104.9800, 27.9740, -33.4180

# Conversions

## Conversions Part 2

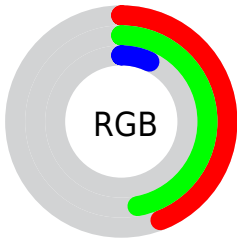
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 119, 25
Decimal	7304977
CIELab	47.77, -15.59, 49.28
CIElCh	48, 51.690, 107.553
Yxy	16.6136, 0.4028, 0.5049
Android (android.graphics.Color)	4285495057 (0xFF6F7711)
YUV	104.9800, -43.3741, 5.2795
Hunter-Lab	40.7598, -13.2883, 24.1120

# Details

The Hex color **6F7711** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **191177**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A5AB48**, and **3C4700** is the 20% darker color. If you saturate the color by 10%, you get **6E7705**, and if you desaturate by 10%, it is **70771D**.

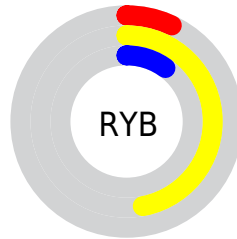
# Distribution



Red (44%)

Green (47%)

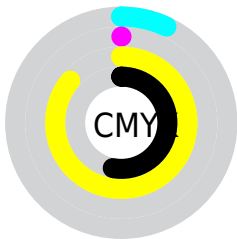
Blue (7%)



Red (7%)

Yellow (47%)

Blue (10%)

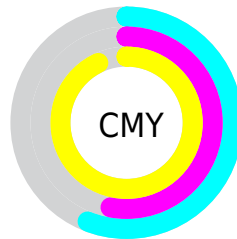


Cyan (7%)

Magenta (0%)

Yellow (86%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7711 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 6F7711 by changing the saturation by 10% instead.





6F7711



6F7711

FFFFFF



555E00



A5AB48



3C4700



C2C662



223000



DEE27C



031C00



FCFF97



000000



FFFFB2



FFFCE



FFFEB



6F7711



6F7711

■ 6E7705

■ 70771D

■ 6E7700

■ 717729

■ 727735

■ 737741

■ 74774C

■ 757758

■ 767764

■ 767770

■ 77777C

# Harmonies

## Analogous

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



966913



6F7711



3A8033

# Triad

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



6F7711



0083B1



B74A85

# Complementary

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



6F7711



191177

# 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.



945AAD



6F7711



007CC6

# Square

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



6F7711



00868A



4D6DC5



C0485A

# Rectangle

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



6F7711



00844E



4D6DC5



AE4E94



# Sweetspot

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



6F7711



989C73



771811



4D4F37



CFCFCF



4F4F4F



# Same Dimension

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



6F7711



8F9C00



3D7711



3A3B35



717A00



E6FA00



# Inverse Universe

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



191177



0C009C



4B1177



35353B



0A007A



1400FA



# Previews

## White Background



This preview shows how the Hex color 6F7711 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

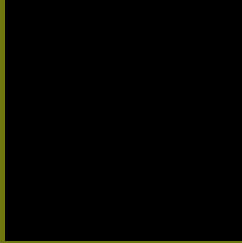
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F7711 Background



This preview shows how black text looks on a background with the Hex color 6F7711.



This preview shows how white text looks on a background with the Hex color 6F7711.

# 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**  
6F7711

**Protanopia**  
80720F

**Deuteranopia**  
8F6B19



**Tritanopia**  
776F77

# Trichromacy



**Original Color**  
6F7711

**Protanomaly**  
7A7410

**Deuteranomaly**  
836F16

**Tritanomaly**  
747252

# Monochromacy



**Original Color**  
6F7711

**Achromatopsia**  
696969

**Achromatomaly**  
6B6E49

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7711 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 #6F7711 looks like.

```
.text, #text, p{  
    color:#6F7711  
}
```

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 #6F7711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7711
}
```

## Border

The CSS property to change the border of an element to Hex 6F7711 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
#6F7711 }
```

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

```
.border{ border-color:#6F7711 }
```

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

Here you see how a box with a 4 pixel #6F7711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7711; -webkit-box-shadow:4px 4px  
4px 4px #6F7711; box-shadow:4px 4px 4px  
4px #6F7711 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7711 }
```

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

```
.background{ background-color:#6F7711 }
```

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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