

# Converting Colors

Hex(6F871C)

Have a look what the booklet for  
Hex(6F871C) contains.

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# Color

Hex(6F871C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F871C
RGB	111, 135, 28
RGB Percent	44%, 53%, 11%
CMY	0.5647, 0.4706, 0.8902
CMYK	0.18, 0.00, 0.79, 0.47
HSL	73°, 66%, 32%
HSV	73°, 79%, 53%
XYZ	15.4291, 20.7913, 4.2985
YIQ	115.6260, 20.0430, -38.3650

# Conversions

## Conversions Part 2

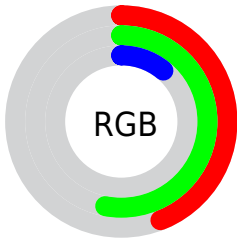
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 135, 52
Decimal	7309084
CIE <sub>Lab</sub>	52.72, -23.45, 50.38
CIE <sub>LCh</sub>	53, 55.575, 114.963
Yxy	20.7913, 0.3808, 0.5131
Android (android.graphics.Color)	4285499164 (0xFF6F871C)
YUV	115.6260, -43.1996, -4.0570
Hunter-Lab	45.5975, -19.3953, 26.3289

# Details

The Hex color **6F871C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **341C87**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A5BC52**, and **3B5500** is the 20% darker color. If you saturate the color by 10%, you get **6C870E**, and if you desaturate by 10%, it is **728729**.

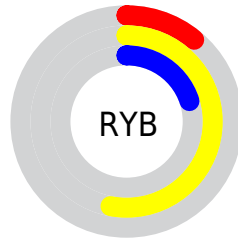
# Distribution



Red (44%)

Green (53%)

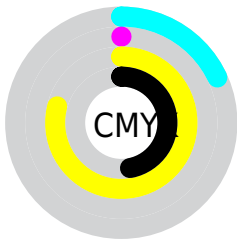
Blue (11%)



Red (11%)

Yellow (53%)

Blue (20%)

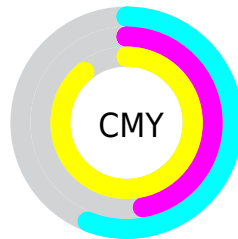


Cyan (18%)

Magenta (0%)

Yellow (79%)

Black (47%)



Cyan (56%)

Magenta (47%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F871C 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 6F871C by changing the saturation by 10% instead.





6F871C



6F871C

FFFFFF



556E00



A5BC52



3B5500



C2D86C



213E00



DEF586



052800



FCFFA2



001100



FFFFBD



000000



FFFFDA



FFFFF7



6F871C



6F871C

■ 6C870E

■ 728729

■ 698701

■ 758737

■ 698700

■ 788744

■ 7B8752

■ 7E875F

■ 81876D

■ 84877A

■ 878788

■ 8A8796

# Harmonies

## Analogous

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



9D7910



6F871C



2B9044

# Triad

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



6F871C



0090CB



CF5088

# Complementary

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



6F871C



341C87

# 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.



B05FB5



6F871C



0086DD

# Square

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



6F871C



0094A5



6F75D5



D35458

# Rectangle

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



6F871C



009363



6F75D5



C85498



# Sweetspot

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



6F871C



A6B086



87331C



53593F



D9D9D9



595959



# Same Dimension

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



6F871C



8AB009



3A871C



41423C



658200



020300



# Inverse Universe

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



341C87



2E09B0



691C87



3D3C42



1D0082



010003



# Previews

## White Background



This preview shows how the Hex color 6F871C 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 6F871C Background



This preview shows how black text looks on a background with the Hex color 6F871C.



This preview shows how white text looks on a background with the Hex color 6F871C.

# 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**  
6F871C

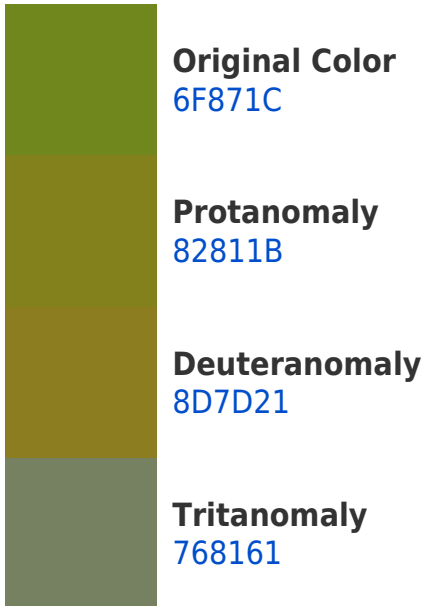
**Protanopia**  
8D7E1A

**Deuteranopia**  
9E7724

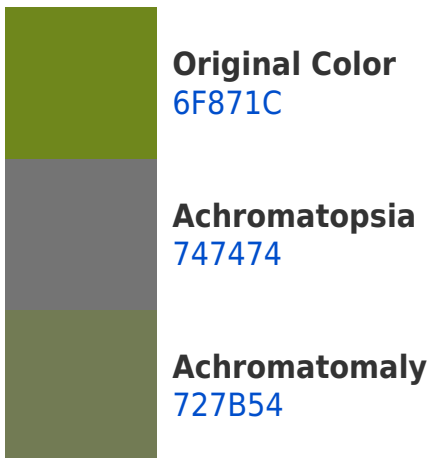


**Tritanopia**  
7A7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F871C 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 #6F871C looks like.

```
.text, #text, p{  
    color:#6F871C  
}
```

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 #6F871C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F871C
}
```

## Border

The CSS property to change the border of an element to Hex 6F871C 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
#6F871C }
```

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

```
.border{ border-color:#6F871C }
```

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

Here you see how a box with a 4 pixel #6F871C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F871C; -webkit-box-shadow:4px 4px  
4px 4px #6F871C; box-shadow:4px 4px 4px  
4px #6F871C }
```

# Background

The CSS property to change the background color of an element to Hex 6F871C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F871C }
```

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

```
.background{ background-color:#6F871C }
```

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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