

# Converting Colors

Hex(6E9C0F)

Have a look what the booklet for  
Hex(6E9C0F) contains.

<b>Hex(6E9C0F)</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(6E9C0F)

# Conversions

## Conversions Part 1

Format	Color
Hex	6E9C0F
RGB	110, 156, 15
RGB Percent	43%, 61%, 6%
CMY	0.5686, 0.3882, 0.9412
CMYK	0.29, 0.00, 0.90, 0.39
HSL	80°, 82%, 34%
HSV	80°, 90%, 61%
XYZ	18.4051, 27.1264, 4.7178
YIQ	126.1720, 17.8450, -53.6030

# Conversions

## Conversions Part 2

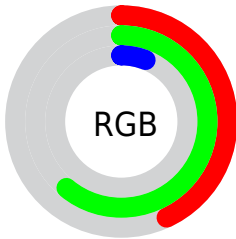
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 156, 61
Decimal	7248911
CIELab	59.09, -34.40, 59.22
CIELCh	59, 68.487, 120.150
Yxy	27.1264, 0.3663, 0.5398
Android (android.graphics.Color)	4285438991 (0xFF6E9C0F)
YUV	126.1720, -54.8078, -14.1828
Hunter-Lab	52.0830, -28.0670, 31.0875

# Details

The Hex color **6E9C0F** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D0F9C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A6D34E**, and **376800** is the 20% darker color. If you saturate the color by 10%, you get **699C00**, and if you desaturate by 10%, it is **739C1F**.

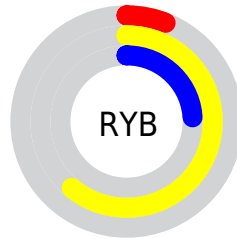
# Distribution



Red (43%)

Green (61%)

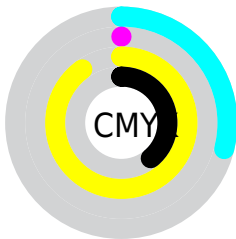
Blue (6%)



Red (6%)

Yellow (61%)

Blue (24%)

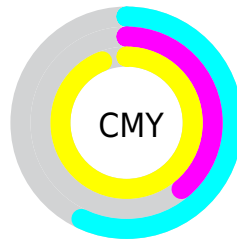


Cyan (29%)

Magenta (0%)

Yellow (90%)

Black (39%)



Cyan (57%)

Magenta (39%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6E9C0F 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 6E9C0F by changing the saturation by 10% instead.





6E9C0F



6E9C0F

FFFFFF



538200



A6D34E



376800



C2EF69



1A5000



DFFF84



003800



FDFFA0



002400



FFFFBC



000000



FFFFD8



FFFFF6



6E9C0F



6E9C0F

699C00

739C1F

789C2E

7D9C3E

829C4D

879C5D

8D9C6D

929C7C

979C8C

9C9C9B

# Harmonies

## Analogous

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



AA8C00



6E9C0F



00A54F

# Triad

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



6E9C0F



00A3F6



F64E91

# Complementary

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



6E9C0F



3D0F9C

# 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.



D661CB



6E9C0F



0095FF

# Square

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



6E9C0F



00A9C9



8B7EF7



F45956

# Rectangle

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



6E9C0F



00A978



8B7EF7



EF52A5



# Sweetspot

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



6E9C0F



BACC95



9C3C0F



5B6645



E6E6E6



666666



# Same Dimension

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



6E9C0F



89CC00



299C0F



4C4F47



608F00



0A0F00



# Inverse Universe

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



3D0F9C



4300CC



820F9C



4A474F



2F008F



05000F



# Previews

## White Background



This preview shows how the Hex color 6E9C0F looks on a white background.

## Color Contrast Check

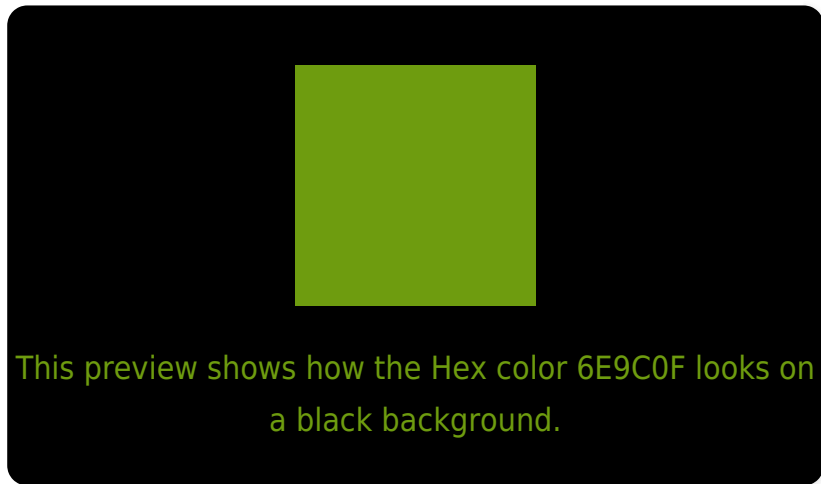
Large Text (above 18pt) WCAG AA ✓ Pass

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 6E9C0F Background



This preview shows how black text looks on a background with the Hex color 6E9C0F.



This preview shows how white text looks on a background with the Hex color 6E9C0F.

# 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](#).

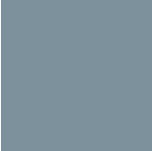
## Dichromacy



**Original Color**  
6E9C0F

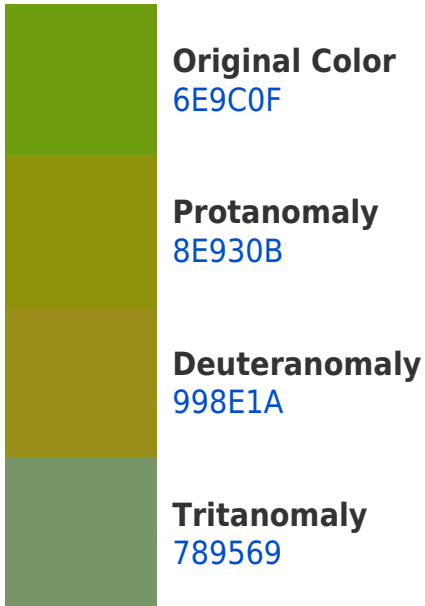
**Protanopia**  
A08E08

**Deuteranopia**  
B28620



**Tritanopia**  
7D919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6E9C0F 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 #6E9C0F looks like.

```
.text, #text, p{  
    color:#6E9C0F  
}
```

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 #6E9C0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E9C0F
}
```

## Border

The CSS property to change the border of an element to Hex 6E9C0F 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".

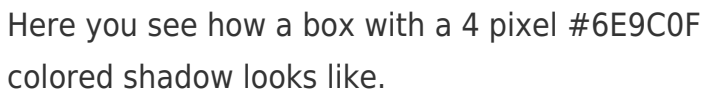
```
.border, #border, table{ border:4px solid
#6E9C0F }
```

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

```
.border{ border-color:#6E9C0F }
```

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

Here you see how a box with a 4 pixel #6E9C0F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E9C0F; -webkit-box-shadow:4px 4px  
4px 4px #6E9C0F; box-shadow:4px 4px 4px  
4px #6E9C0F }
```

# Background

The CSS property to change the background color of an element to Hex 6E9C0F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E9C0F }
```

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

```
.background{ background-color:#6E9C0F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor