

# Converting Colors

Hex(6F9D13)

Have a look what the booklet for  
Hex(6F9D13) contains.

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**Color**

**Hex(6F9D13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F9D13
RGB	111, 157, 19
RGB Percent	44%, 62%, 7%
CMY	0.5647, 0.3843, 0.9255
CMYK	0.29, 0.00, 0.88, 0.38
HSL	80°, 78%, 35%
HSV	80°, 88%, 62%
XYZ	18.7301, 27.5405, 4.9448
YIQ	127.5140, 16.8820, -52.6700

# Conversions

## Conversions Part 2

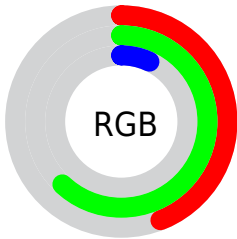
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 157, 65
Decimal	7314707
CIELab	59.47, -34.34, 58.77
CIELCh	59, 68.068, 120.303
Yxy	27.5405, 0.3657, 0.5377
Android (android.graphics.Color)	4285504787 (0xFF6F9D13)
YUV	127.5140, -53.4974, -14.4828
Hunter-Lab	52.4790, -28.1306, 31.1488

# Details

The Hex color **6F9D13** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **41139D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A7D450**, and **386900** is the 20% darker color. If you saturate the color by 10%, you get **6A9D03**, and if you desaturate by 10%, it is **749D23**.

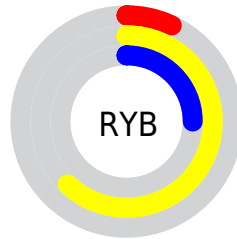
# Distribution



Red (44%)

Green (62%)

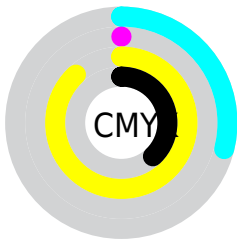
Blue (7%)



Red (7%)

Yellow (62%)

Blue (25%)

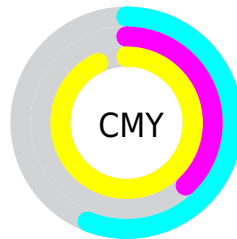


Cyan (29%)

Magenta (0%)

Yellow (88%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F9D13 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 6F9D13 by changing the saturation by 10% instead.





6F9D13



6F9D13

FFFFFF



548300



A7D450



386900



C3F06B



1C5100



E0FF86



003900



FEFFA2



002500



FFFFBE



000000



FFFADB



FFFFF8



6F9D13



6F9D13

■ 6A9D03

■ 749D23

■ 699D00

■ 799D32

■ 7F9D42

■ 849D52

■ 899D62

■ 8E9D71

■ 949D81

■ 999D91

■ 9E9DA0

# Harmonies

## Analogous

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



AB8D00



6F9D13



00A650

# Triad

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



6F9D13



00A4F7



F75091

# Complementary

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



6F9D13



41139D

# 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.



D762CC



6F9D13



0096FF

# Square

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



6F9D13



00ACA



8D7FF7



F55B57

# Rectangle

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



6F9D13



00A979



8D7FF7



F053A5



# Sweetspot

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



6F9D13



BACC97



9D4113



5B6646



E6E6E6



666666



# Same Dimension

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



6F9D13



88CC00



2A9D13



4C4F47



5F8F00



0A0F00



# Inverse Universe

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



41139D



4400CC



86139D



4A474F



30008F



05000F



# Previews

## White Background



This preview shows how the Hex color 6F9D13 looks on a white background.

## Color Contrast Check

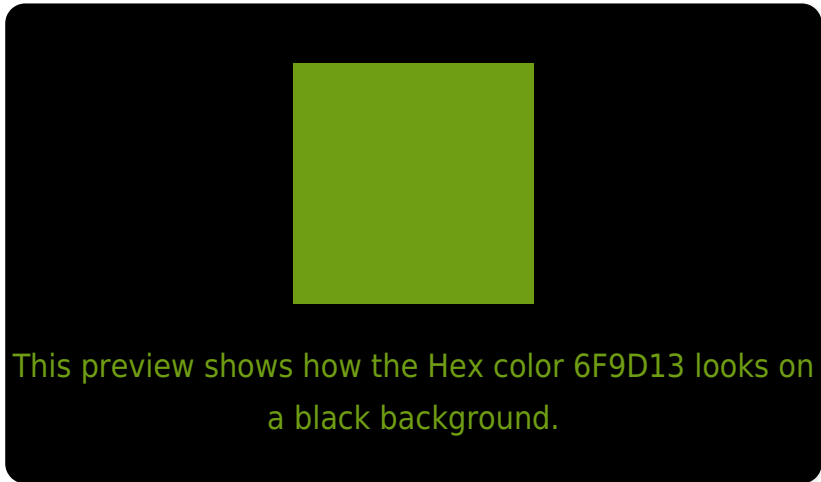
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F9D13 Background



This preview shows how black text looks on a background with the Hex color 6F9D13.



This preview shows how white text looks on a background with the Hex color 6F9D13.

# 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**  
6F9D13

**Protanopia**  
A18F0E

**Deuteranopia**  
B48722



**Tritanopia**  
7E929E

# Trichromacy



**Original Color**  
6F9D13

**Protanomaly**  
8F9410

**Deuteranomaly**  
9B8F1D

**Tritanomaly**  
79966B

# Monochromacy



**Original Color**  
6F9D13

**Achromatopsia**  
808080

**Achromatomaly**  
7A8B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F9D13 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 #6F9D13 looks like.

```
.text, #text, p{  
    color:#6F9D13  
}
```

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 #6F9D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F9D13
}
```

## Border

The CSS property to change the border of an element to Hex 6F9D13 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
#6F9D13 }
```

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

```
.border{ border-color:#6F9D13 }
```

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

Here you see how a box with a 4 pixel #6F9D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F9D13; -webkit-box-shadow:4px 4px  
4px 4px #6F9D13; box-shadow:4px 4px 4px  
4px #6F9D13 }
```

# Background

The CSS property to change the background color of an element to Hex 6F9D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F9D13 }
```

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

```
.background{ background-color:#6F9D13 }
```

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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