

# Converting Colors

Hex(6FA918)

Have a look what the booklet for  
Hex(6FA918) contains.

<b>Hex(6FA918)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6FA918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6FA918
RGB	111, 169, 24
RGB Percent	44%, 66%, 9%
CMY	0.5647, 0.3373, 0.9059
CMYK	0.34, 0.00, 0.86, 0.34
HSL	84°, 75%, 38%
HSV	84°, 86%, 66%
XYZ	20.9084, 31.8214, 5.9043
YIQ	135.1280, 11.9770, -57.3910

# Conversions

## Conversions Part 2

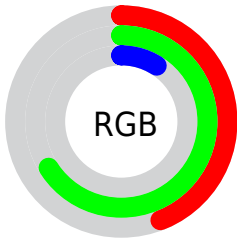
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 169, 82
Decimal	7317784
CIELab	63.19, -39.53, 60.84
CIELCh	63, 72.554, 123.010
Yxy	31.8214, 0.3566, 0.5427
Android (android.graphics.Color)	4285507864 (0xFF6FA918)
YUV	135.1280, -54.7861, -21.1603
Hunter-Lab	56.4105, -32.5577, 33.2816

# Details

The Hex color **6FA918** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5218A9**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A7E154**, and **377400** is the 20% darker color. If you saturate the color by 10%, you get **68A907**, and if you desaturate by 10%, it is **76A929**.

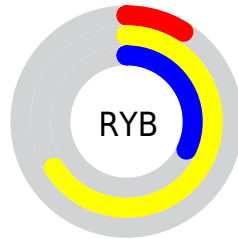
# Distribution



Red (44%)

Green (66%)

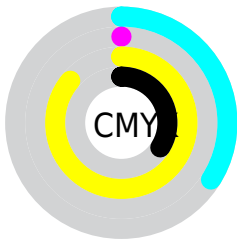
Blue (9%)



Red (9%)

Yellow (66%)

Blue (32%)

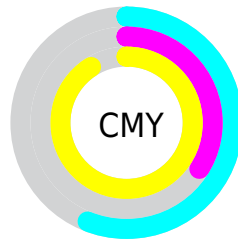


Cyan (34%)

Magenta (0%)

Yellow (86%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6FA918 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 6FA918 by changing the saturation by 10% instead.





6FA918



6FA918

FFFFFF



538E00



A7E154



377400



C4FD70



185B00



E1FF8B



004300



FFFFA7



002D00



FFFFC4



001300



FFFFE0



000000

FFFFFFE



6FA918



6FA918

■ 68A907

■ 76A929

■ 65A900

■ 7DA93A

■ 83A94B

■ 8AA95C

■ 91A96C

■ 98A97D

■ 9EA98E

■ A5A99F

■ ACA9B0

# Harmonies

## Analogous

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



B19800



6FA918



00B25B

# Triad

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



6FA918



00AFFF



FF5495

# Complementary

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



6FA918



5218A9

# 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.



EB65D5



6FA918



009FFF

# Square

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



6FA918



00B6DE



A085FF



FF6256

# Rectangle

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



6FA918



00B587



A085FF



FF56AB



# Sweetspot

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



6FA918



C4DBA2



A95218



606E4C



EDEDED



6E6E6E



# Same Dimension

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



6FA918



84DB00



27A918



51544C



599400



0C1400



# Inverse Universe

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



5218A9



5800DB



9B18A9



4F4C54



3B0094



080014



# Previews

## White Background



This preview shows how the Hex color 6FA918 looks on a white background.

## Color Contrast Check

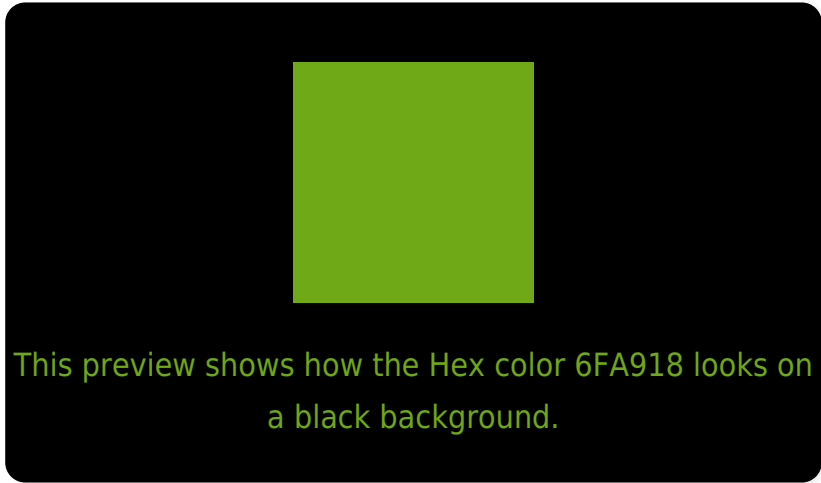
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex 6FA918 Background



This preview shows how black text looks on a background with the Hex color 6FA918.

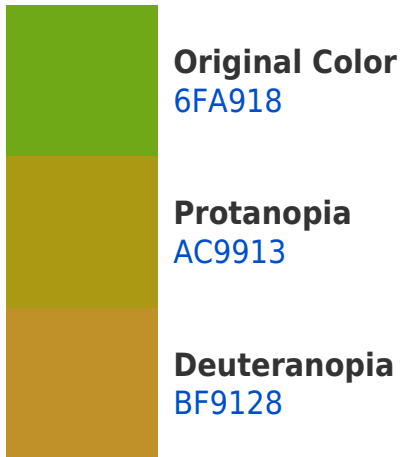


This preview shows how white text looks on a background with the Hex color 6FA918.

# 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





**Tritanopia**  
809DAA

# Trichromacy



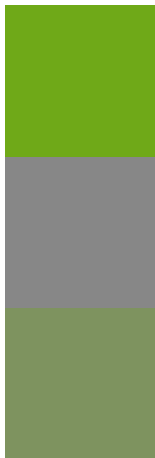
**Original Color**  
6FA918

**Protanomaly**  
969F15

**Deuteranomaly**  
A29A22

**Tritanomaly**  
7AA175

# Monochromacy



**Original Color**  
6FA918

**Achromatopsia**  
878787

**Achromatomaly**  
7E935F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6FA918 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 #6FA918 looks like.

```
.text, #text, p{  
    color:#6FA918  
}
```

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 #6FA918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA918  
}
```

## Border

The CSS property to change the border of an element to Hex 6FA918 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  
#6FA918 }
```

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

```
.border{ border-color:#6FA918 }
```

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

Here you see how a box with a 4 pixel #6FA918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA918; -webkit-box-shadow:4px 4px  
4px 4px #6FA918; box-shadow:4px 4px 4px  
4px #6FA918 }
```

# Background

The CSS property to change the background color of an element to Hex 6FA918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA918 }
```

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

```
.background{ background-color:#6FA918 }
```

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