

# Converting Colors

Hex(6F9D34)

Have a look what the booklet for  
Hex(6F9D34) contains.

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**Color**

**Hex(6F9D34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F9D34
RGB	111, 157, 52
RGB Percent	44%, 62%, 20%
CMY	0.5647, 0.3843, 0.7961
CMYK	0.29, 0.00, 0.67, 0.38
HSL	86°, 50%, 41%
HSV	86°, 67%, 62%
XYZ	19.2323, 27.7414, 7.5898
YIQ	131.2760, 6.2890, -42.4070

# Conversions

## Conversions Part 2

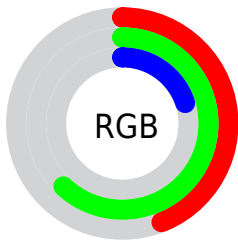
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 157, 98
Decimal	7314740
CIELab	59.65, -32.56, 48.13
CIELCh	60, 58.105, 124.076
Yxy	27.7414, 0.3525, 0.5084
Android (android.graphics.Color)	4285504820 (0xFF6F9D34)
YUV	131.2760, -39.0831, -17.7821
Hunter-Lab	52.6701, -26.9938, 28.3253

# Details

The Hex color **6F9D34** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **62349D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A6D468**, and **3A6900** is the 20% darker color. If you saturate the color by 10%, you get **689D24**, and if you desaturate by 10%, it is **769D44**.

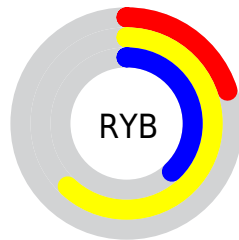
# Distribution



Red (44%)

Green (62%)

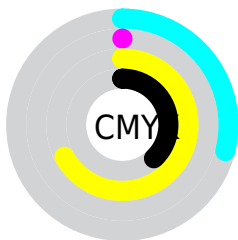
Blue (20%)



Red (20%)

Yellow (62%)

Blue (38%)

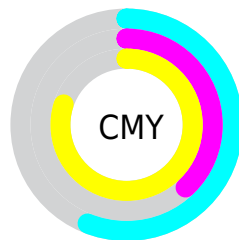


Cyan (29%)

Magenta (0%)

Yellow (67%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F9D34 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 6F9D34 by changing the saturation by 10% instead.





6F9D34



6F9D34

FFFFFF



548318



A6D468



3A6900



C2F082



205100



DFFF9D



003900



FCFFB9



002500



FFFFD5



000000



FFFFF2



6F9D34



6F9D34



689D24



769D44

■ 619D15

■ 7D9D53

■ 5A9D05

■ 849D63

■ 589D00

■ 8B9D73

■ 919D83

■ 989D92

■ 9F9DA2

■ A69DB2

■ AD9DC1

# Harmonies

## Analogous

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



A48F1D



6F9D34



03A561

# Triad

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



6F9D34



00A1EB



EB5F8B

# Complementary

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



6F9D34



62349D

# 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.



D36ABD



6F9D34



1493F6

# Square

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



6F9D34



00A7C8



9A7FE5



E76859

# Rectangle

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



6F9D34



00A783



9A7FE5



E7609C



# Sweetspot

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



6F9D34



BACCA3



9D6234



5B664E



E6E6E6



666666



# Same Dimension

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



6F9D34



85CC29



3B9D34



4C4F47



508F00



090F00



# Inverse Universe

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



62349D



7029CC



96349D



4B474F



3F008F



07000F



# Previews

## White Background



This preview shows how the Hex color 6F9D34 looks on a white background.

## Color Contrast Check

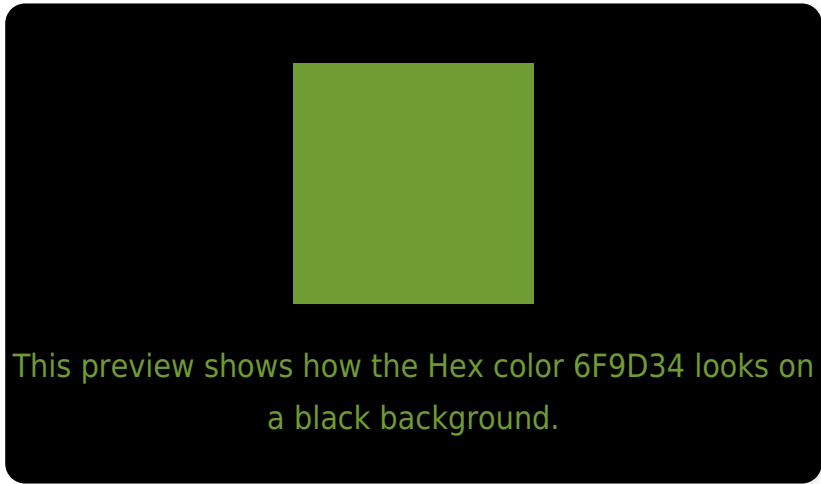
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F9D34 Background



This preview shows how black text looks on a background with the Hex color 6F9D34.

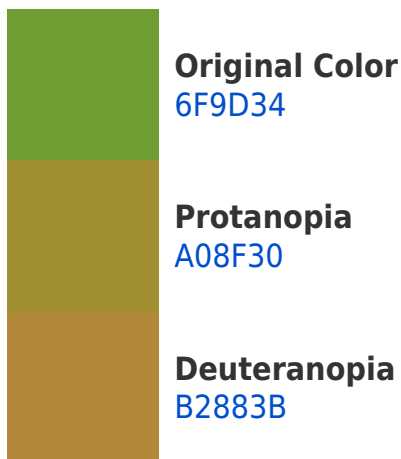


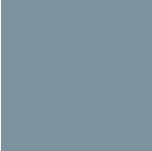
This preview shows how white text looks on a background with the Hex color 6F9D34.

# 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**  
7D939E

# Trichromacy



**Original Color**  
6F9D34

**Protanomaly**  
8E9431

**Deuteranomaly**  
9A9038

**Tritanomaly**  
789777

# Monochromacy



**Original Color**  
6F9D34

**Achromatopsia**  
838383

**Achromatomaly**  
7C8C66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F9D34 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 #6F9D34 looks like.

```
.text, #text, p{  
    color:#6F9D34  
}
```

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 #6F9D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F9D34
}
```

## Border

The CSS property to change the border of an element to Hex 6F9D34 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
#6F9D34 }
```

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

```
.border{ border-color:#6F9D34 }
```

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

Here you see how a box with a 4 pixel #6F9D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F9D34; -webkit-box-shadow:4px 4px  
4px 4px #6F9D34; box-shadow:4px 4px 4px  
4px #6F9D34 }
```

# Background

The CSS property to change the background color of an element to Hex 6F9D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F9D34 }
```

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

```
.background{ background-color:#6F9D34 }
```

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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