

# Converting Colors

Hex(60A50D)

Have a look what the booklet for  
Hex(60A50D) contains.

<b>Hex(60A50D)</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(60A50D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	60A50D
RGB	96, 165, 13
RGB Percent	38%, 65%, 5%
CMY	0.6235, 0.3529, 0.9490
CMYK	0.42, 0.00, 0.92, 0.35
HSL	87°, 85%, 35%
HSV	87°, 92%, 65%
XYZ	18.3516, 29.4261, 5.0933
YIQ	127.0410, 7.6680, -61.9000

# Conversions

## Conversions Part 2

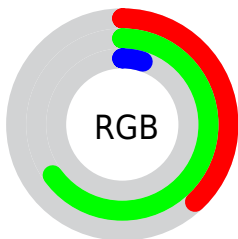
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 165, 82
Decimal	6333709
CIELab	61.16, -43.58, 60.96
CIELCh	61, 74.939, 125.558
Yxy	29.4261, 0.3471, 0.5566
Android (android.graphics.Color)	4284523789 (0xFF60A50D)
YUV	127.0410, -56.2222, -27.2230
Hunter-Lab	54.2458, -34.5428, 32.4051

# Details

The Hex color **60A50D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **520DA5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **98DD4E**, and **257000** is the 20% darker color. If you saturate the color by 10%, you get **5AA500**, and if you desaturate by 10%, it is **67A51E**.

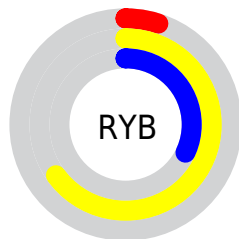
# Distribution



Red (38%)

Green (65%)

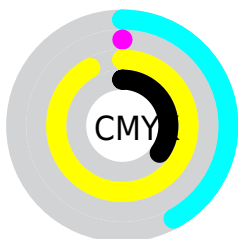
Blue (5%)



Red (5%)

Yellow (65%)

Blue (32%)

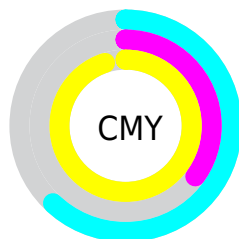


Cyan (42%)

Magenta (0%)

Yellow (92%)

Black (35%)



Cyan (62%)

Magenta (35%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A50D 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 60A50D by changing the saturation by 10% instead.





60A50D



60A50D

FFFFFF



438A00



98DD4E



257000



B5F96A



005700



D2FF85



003F00



F0FFA1



002A00



FFFFBD



000800



FFFFDA



000000



FFFFF7



60A50D



60A50D

■ 5AA500

■ 67A51E

■ 6FA52E

■ 76A53F

■ 7EA54F

■ 85A560

■ 8DA570

■ 94A581

■ 9CA591

■ A3A5A2

# Harmonies

## Analogous

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



A69500



60A50D



00AE59

# Triad

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



60A50D



00A9FF



FF498A

# Complementary

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



60A50D



520DA5

# 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.



EB5ACC



60A50D



0098FF

# Square

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



60A50D



00B0DF



A27CFF



FF5C4A

# Rectangle

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



60A50D



00B187



A27CFF



FF4AA0



# Sweetspot

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



60A50D



BBD69A



A5510D



5B6B47



EBEBEB



6B6B6B



# Same Dimension

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



60A50D



75D600



15A50D



4E5249



4F9100



0A1200



# Inverse Universe

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



520DA5



6100D6



9D0DA5



4D4952



420091



080012



# Previews

## White Background



This preview shows how the Hex color 60A50D looks on a white background.

## Color Contrast Check

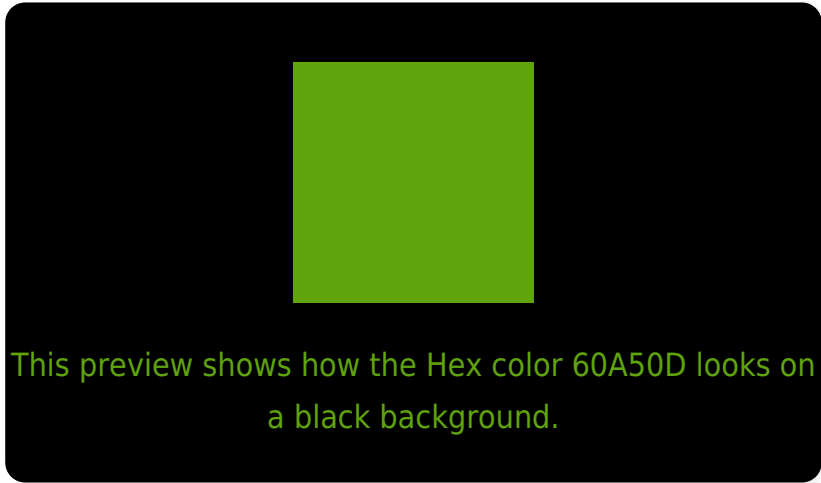
Large Text (above 18pt) WCAG AA ✓ Pass

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 60A50D Background



This preview shows how black text looks on a background with the Hex color 60A50D.



This preview shows how white text looks on a background with the Hex color 60A50D.

# 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**  
60A50D

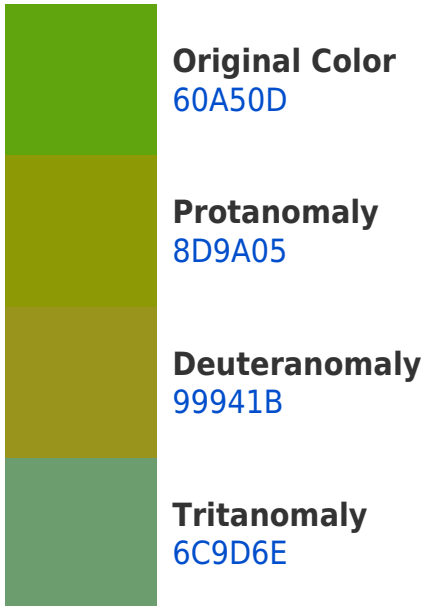
**Protanopia**  
A69300

**Deuteranopia**  
B98B23

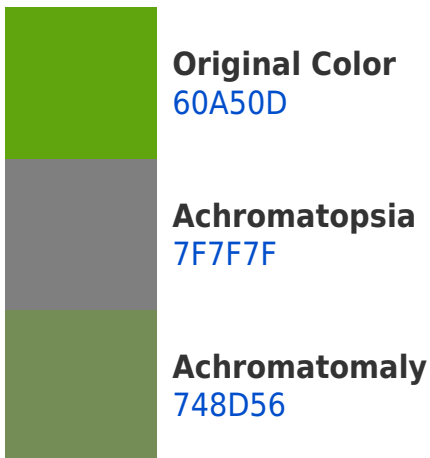


**Tritanopia**  
7399A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A50D 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 #60A50D looks like.

```
.text, #text, p{  
    color:#60A50D  
}
```

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 #60A50D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A50D
}
```

## Border

The CSS property to change the border of an element to Hex 60A50D 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
#60A50D }
```

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

```
.border{ border-color:#60A50D }
```

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

Here you see how a box with a 4 pixel #60A50D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A50D; -webkit-box-shadow:4px 4px  
4px 4px #60A50D; box-shadow:4px 4px 4px  
4px #60A50D }
```

# Background

The CSS property to change the background color of an element to Hex 60A50D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A50D }
```

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

```
.background{ background-color:#60A50D }
```

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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