

# Converting Colors

Hex(6CA12C)

Have a look what the booklet for  
Hex(6CA12C) contains.

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**Color**

**Hex(6CA12C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6CA12C
RGB	108, 161, 44
RGB Percent	42%, 63%, 17%
CMY	0.5765, 0.3686, 0.8275
CMYK	0.33, 0.00, 0.73, 0.37
HSL	87°, 57%, 40%
HSV	87°, 73%, 63%
XYZ	19.3838, 28.8597, 6.9317
YIQ	131.8150, 5.9690, -47.6230

# Conversions

## Conversions Part 2

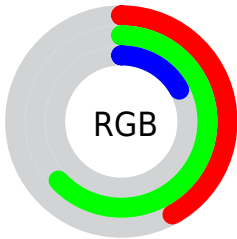
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 161, 97
Decimal	7119148
CIELab	60.66, -36.11, 52.31
CIElCh	61, 63.564, 124.619
Yxy	28.8597, 0.3513, 0.5231
Android (android.graphics.Color)	4285309228 (0xFF6CA12C)
YUV	131.8150, -43.2928, -20.8858
Hunter-Lab	53.7213, -29.6054, 29.9546

# Details

The Hex color **6CA12C** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **612CA1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A3D861**, and **366D00** is the 20% darker color. If you saturate the color by 10%, you get **65A11C**, and if you desaturate by 10%, it is **73A13C**.

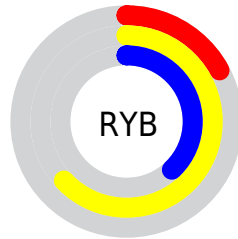
# Distribution



Red (42%)

Green (63%)

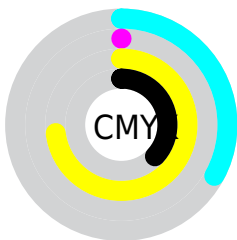
Blue (17%)



Red (17%)

Yellow (63%)

Blue (38%)

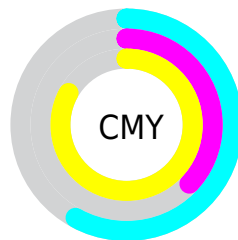


Cyan (33%)

Magenta (0%)

Yellow (73%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CA12C 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 6CA12C by changing the saturation by 10% instead.





6CA12C



6CA12C

FFFFFF



51870B



A3D861



366D00



BFF57C



1A5400



DCFF97



003C00



FAFFB3



002700



FFFFCF



000400



FFF FEC



000000



6CA12C



6CA12C



65A11C



73A13C

■ 5DA10C

■ 7BA14C

■ 58A100

■ 82A15C

■ 89A16C

■ 90A17C

■ 98A18D

■ 9FA19D

■ A6A1AD

■ AEA1BD

# Harmonies

## Analogous

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



A69208



6CA12C



00A960

# Triad

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



6CA12C



00A5F7



F65A8C

# Complementary

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



6CA12C



612CA1

# 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.



DC67C3



6CA12C



0096FF

# Square

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



6CA12C



00ABD1



9E7FEF



F16656

# Rectangle

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



6CA12C



00AC86



9E7FEF



F15C9F



# Sweetspot

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



6CA12C



BCD1A3



A1612C



5C694D



E8E8E8



696969



# Same Dimension

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



6CA12C



7FD11B



32A12C



4E5249



509100



0A1200



# Inverse Universe

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



612CA1



6E1BD1



9B2CA1



4D4952



420091



080012



# Previews

## White Background



This preview shows how the Hex color 6CA12C looks on a white background.

## Color Contrast Check

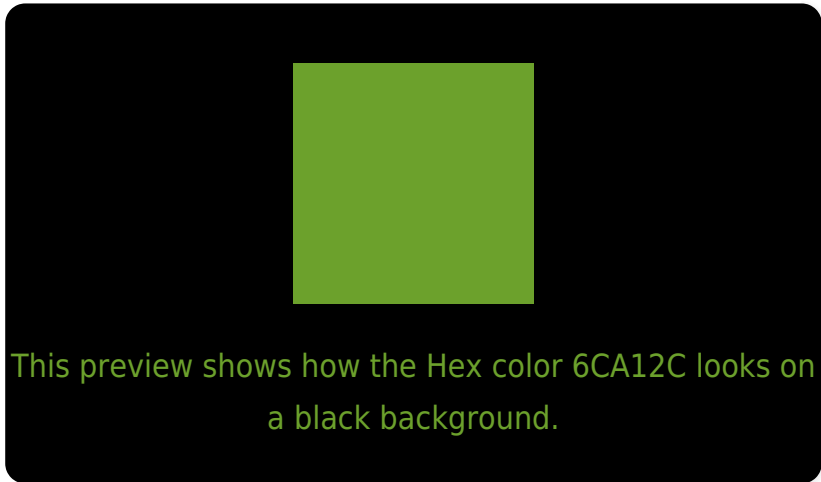
Large Text (above 18pt) WCAG AA ✓ Pass

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 6CA12C Background



This preview shows how black text looks on a background with the Hex color 6CA12C.



This preview shows how white text looks on a background with the Hex color 6CA12C.

# 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**  
6CA12C

**Protanopia**  
A49228

**Deuteranopia**  
B68A35



**Tritanopia**  
7B96A2

# Trichromacy



**Original Color**  
6CA12C

**Protanomaly**  
909729

**Deuteranomaly**  
9B9232

**Tritanomaly**  
769A77

# Monochromacy



**Original Color**  
6CA12C

**Achromatopsia**  
848484

**Achromatomaly**  
7B8F64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CA12C 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 #6CA12C looks like.

```
.text, #text, p{  
    color:#6CA12C  
}
```

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 #6CA12C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA12C
}
```

## Border

The CSS property to change the border of an element to Hex 6CA12C 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
#6CA12C }
```

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

```
.border{ border-color:#6CA12C }
```

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

Here you see how a box with a 4 pixel #6CA12C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA12C; -webkit-box-shadow:4px 4px  
4px 4px #6CA12C; box-shadow:4px 4px 4px  
4px #6CA12C }
```

# Background

The CSS property to change the background color of an element to Hex 6CA12C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA12C }
```

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

```
.background{ background-color:#6CA12C }
```

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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