

Converting Colors

Hex(6CA12D)

Have a look what the booklet for
Hex(6CA12D) contains.

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Color

Hex(6CA12D)

Conversions

Conversions Part 1

Format	Color
Hex	6CA12D
RGB	108, 161, 45
RGB Percent	42%, 63%, 18%
CMY	0.5765, 0.3686, 0.8235
CMYK	0.33, 0.00, 0.72, 0.37
HSL	87°, 56%, 40%
HSV	87°, 72%, 63%
XYZ	19.4029, 28.8673, 7.0319
YIQ	131.9290, 5.6480, -47.3120

Conversions

Conversions Part 2

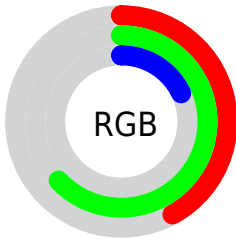
Format	Color
RYB	45, 161, 98
Decimal	7119149
CIELab	60.66, -36.04, 51.94
CIELCh	61, 63.220, 124.760
Yxy	28.8673, 0.3509, 0.5220
Android (android.graphics.Color)	4285309229 (0xFF6CA12D)
YUV	131.9290, -42.8560, -20.9857
Hunter-Lab	53.7283, -29.5631, 29.8500

Details

The Hex color **6CA12D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **622DA1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A3D862**, and **366D00** is the 20% darker color. If you saturate the color by 10%, you get **65A11D**, and if you desaturate by 10%, it is **73A13D**.

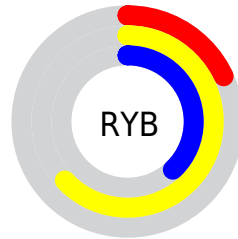
Distribution



Red (42%)

Green (63%)

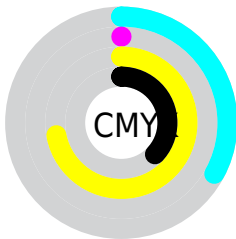
Blue (18%)



Red (18%)

Yellow (63%)

Blue (38%)

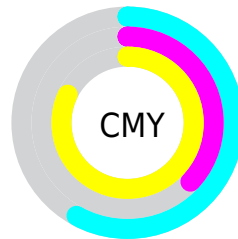


Cyan (33%)

Magenta (0%)

Yellow (72%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6CA12D 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 6CA12D by changing the saturation by 10% instead.

 6CA12D

 6CA12D

FFFFFF

 51870D

 A3D862

 366D00

 BFF57D

 1A5400

 DCFF98

 003C00

 FAFFB4

 002700

 FFFFD0

 000500

 FFFFED

 000000

 6CA12D

 6CA12D

 65A11D

 73A13D

■ 5DA10D

■ 7BA14D

■ 57A100

■ 82A15D

■ 89A16D

■ 91A17E

■ 98A18E

■ 9FA19E

■ A7A1AE

■ AEA1BE

Harmonies

Analogous

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



A6930B



6CA12D



00A960

Triad

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



6CA12D



00A5F7



F65B8C

Complementary

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



6CA12D



622DA1

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



6CA12D



0096FF

Square

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



6CA12D



00ABD1



9F80EF



F06756

Rectangle

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



6CA12D



00AC86



9F80EF



F15C9F

Sweetspot

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



6CA12D



BCD1A3



A1612D



5C694D



E8E8E8



696969

Same Dimension

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



6CA12D



7FD11D



33A12D



4E5249



4F9100



0A1200

Inverse Universe

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



622DA1



6F1DD1



9B2DA1



4D4952



420091



080012

Previews

White Background



This preview shows how the Hex color 6CA12D looks on a white background.

Color Contrast Check

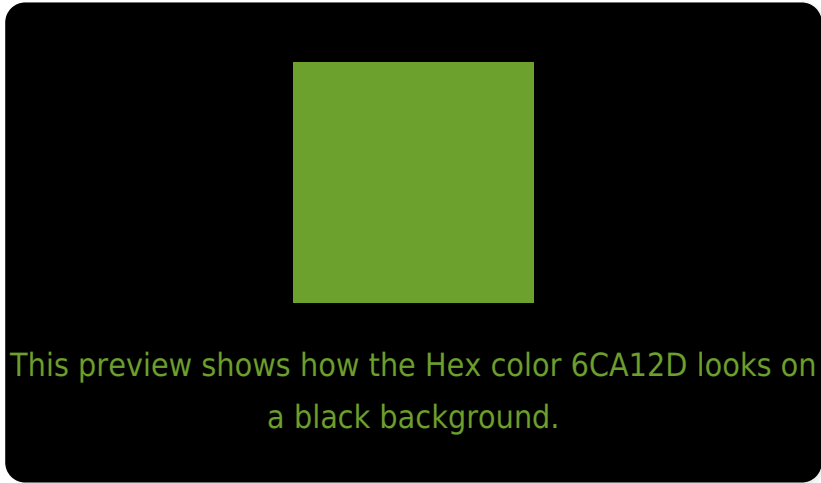
Large Text (above 18pt) WCAG AA ✓ Pass

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 6CA12D Background



This preview shows how black text looks on a background with the Hex color 6CA12D.

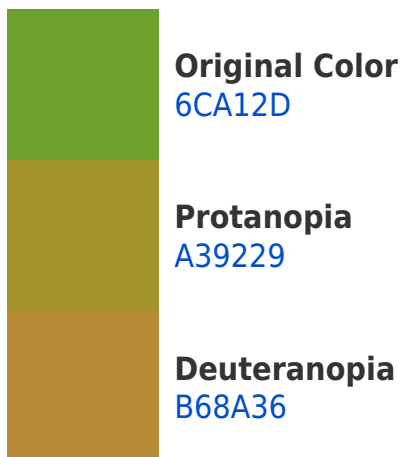


This preview shows how white text looks on a background with the Hex color 6CA12D.

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](#).

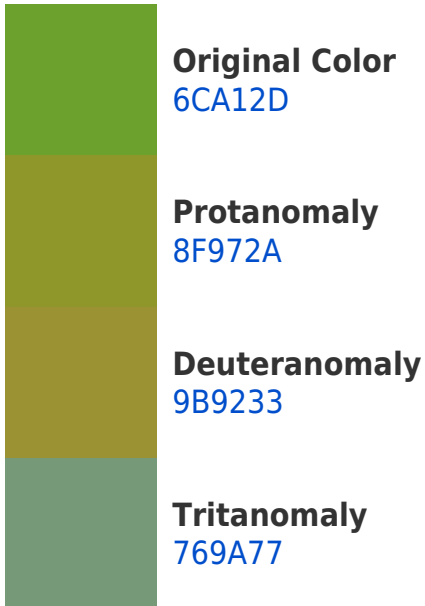
Dichromacy



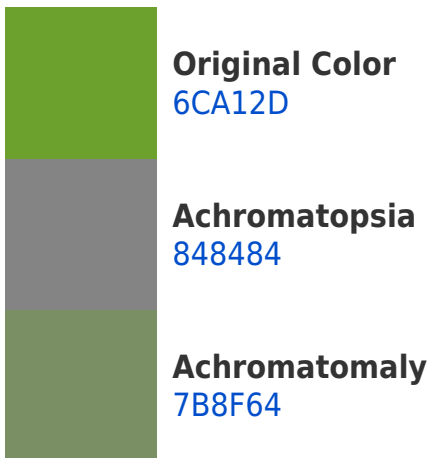


Tritanopia
7B96A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA12D 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 #6CA12D looks like.

```
.text, #text, p{  
    color:#6CA12D  
}
```

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 #6CA12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA12D
}
```

Border

The CSS property to change the border of an element to Hex 6CA12D 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
#6CA12D }
```

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

```
.border{ border-color:#6CA12D }
```

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

Here you see how a box with a 4 pixel #6CA12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA12D; -webkit-box-shadow:4px 4px  
4px 4px #6CA12D; box-shadow:4px 4px 4px  
4px #6CA12D }
```

Background

The CSS property to change the background color of an element to Hex 6CA12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA12D }
```

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

```
.background{ background-color:#6CA12D }
```

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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