

Converting Colors

Hex(6BC12A)

Have a look what the booklet for
Hex(6BC12A) contains.

Hex(6BC12A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6BC12A)

Conversions

Conversions Part 1

Format	Color
Hex	6BC12A
RGB	107, 193, 42
RGB Percent	42%, 76%, 16%
CMY	0.5804, 0.2431, 0.8353
CMYK	0.45, 0.00, 0.78, 0.24
HSL	94°, 64%, 46%
HSV	94°, 78%, 76%
XYZ	25.5513, 41.4329, 8.8411
YIQ	150.0720, -2.7850, -65.1930

Conversions

Conversions Part 2

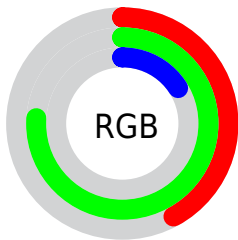
Format	Color
R_{YB}	42, 193, 128
Decimal	7061802
CIE _{Lab}	70.48, -50.05, 62.49
CIE _{LCh}	70, 80.068, 128.692
Yxy	41.4329, 0.3370, 0.5464
Android (android.graphics.Color)	4285251882 (0xFF6BC12A)
YUV	150.0720, -53.2795, -37.7741
Hunter-Lab	64.3684, -41.7884, 36.9143

Details

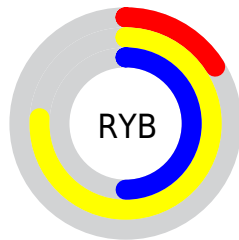
The Hex color **6BC12A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **802AC1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A5FA64**, and **2E8B00** is the 20% darker color. If you saturate the color by 10%, you get **60C117**, and if you desaturate by 10%, it is **76C13D**.

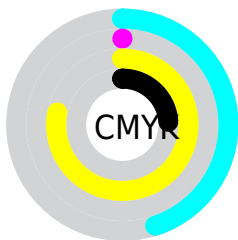
Distribution



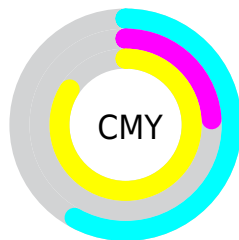
- Red (42%)
- Green (76%)
- Blue (16%)



- Red (16%)
- Yellow (76%)
- Blue (50%)



- Cyan (45%)
- Magenta (0%)
- Yellow (78%)
- Black (24%)



- Cyan (58%)
- Magenta (24%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BC12A 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 6BC12A by changing the saturation by 10% instead.

 6BC12A

 6BC12A

FFFFFF

 4EA500

 A5FA64

 2E8B00

 C2FF7F

 007000

 E0FF9B

 005700

 FEFFB7

 003F00

 FFFFD4

 002900

 FFFFF2

 000300

 000000

 6BC12A

 6BC12A

■ 60C117

■ 76C13D

■ 55C103

■ 81C151

■ 53C100

■ 8CC164

■ 97C177

■ A2C18B

■ ADC19E

■ B8C1B1

■ C3C1C4

■ CEC1D8

Harmonies

Analogous

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



BBB000



6BC12A



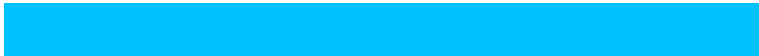
00CA74

Triad

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



6BC12A



00C2FF



FF5E9A

Complementary

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



6BC12A



802AC1

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.



FF6CE3



6BC12A



00AEFF

Square

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



6BC12A



00CCFF



C98FFF



FF7455

Rectangle

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



6BC12A



00CDA7



C98FFF



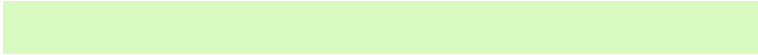
FF5EB3

Sweetspot

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



6BC12A



D9FAC0



C1802A



697D5A



FCFCFC



7D7D7D

Same Dimension

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



6BC12A



74FA0F



2AC134



5B6157



45A100



0E2100

Inverse Universe

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



802AC1



950FFA



C12AB7



5D5761



5B00A1



130021

Previews

White Background



This preview shows how the Hex color 6BC12A looks on a white background.

Color Contrast Check

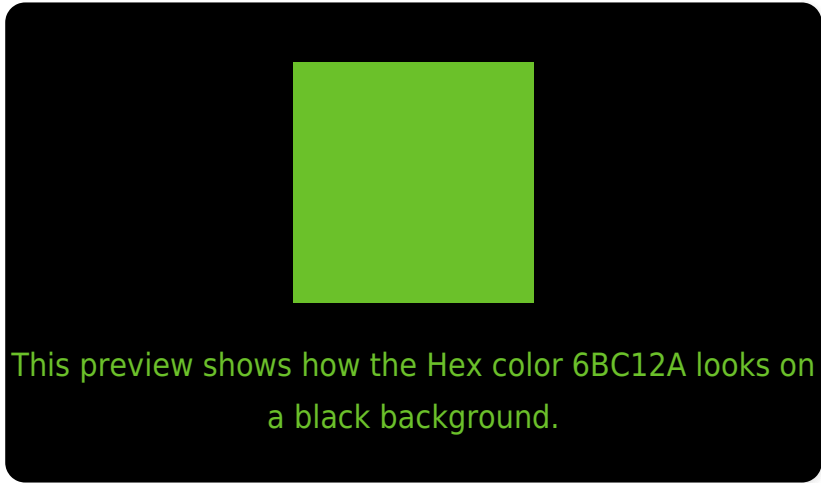
Large Text (above 18pt) WCAG AA × Fail

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 6BC12A Background



This preview shows how black text looks on a background with the Hex color 6BC12A.

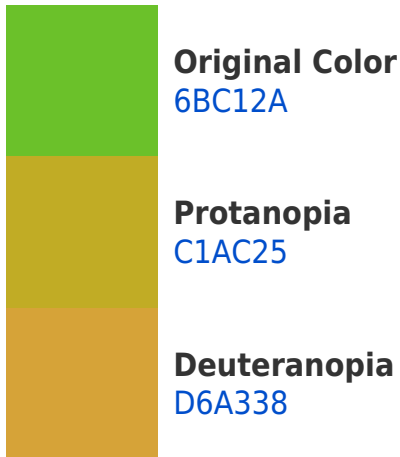


This preview shows how white text looks on a background with the Hex color 6BC12A.

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](#).

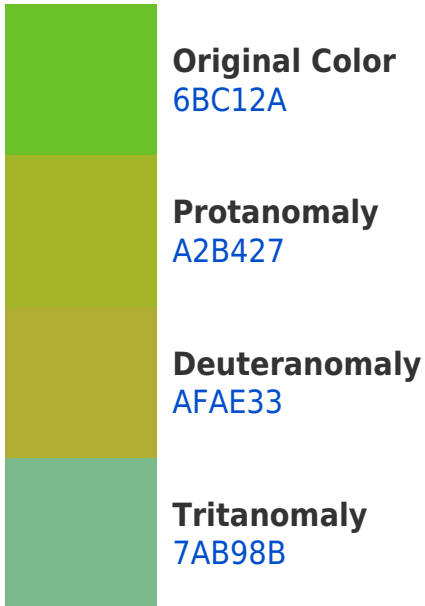
Dichromacy



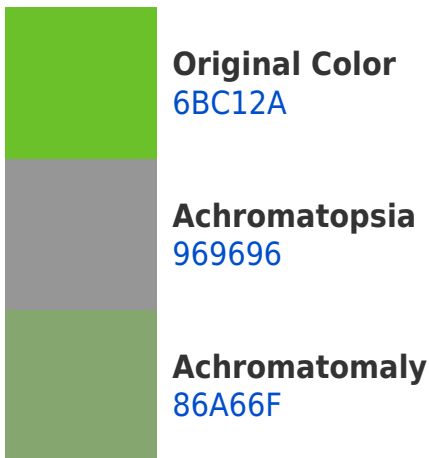


Tritanopia
82B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BC12A 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 #6BC12A looks like.

```
.text, #text, p{  
    color:#6BC12A  
}
```

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 #6BC12A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BC12A
}
```

Border

The CSS property to change the border of an element to Hex 6BC12A 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
#6BC12A }
```

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

```
.border{ border-color:#6BC12A }
```

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

Here you see how a box with a 4 pixel #6BC12A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BC12A; -webkit-box-shadow:4px 4px  
4px 4px #6BC12A; box-shadow:4px 4px 4px  
4px #6BC12A }
```

Background

The CSS property to change the background color of an element to Hex 6BC12A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BC12A }
```

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

```
.background{ background-color:#6BC12A }
```

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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