

Converting Colors

Hex(60C60B)

Have a look what the booklet for
Hex(60C60B) contains.

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Color

Hex(60C60B)

Conversions

Conversions Part 1

Format	Color
Hex	60C60B
RGB	96, 198, 11
RGB Percent	38%, 78%, 4%
CMY	0.6235, 0.2235, 0.9569
CMYK	0.52, 0.00, 0.94, 0.22
HSL	93°, 89%, 41%
HSV	93°, 94%, 78%
XYZ	25.0784, 42.8991, 7.2752
YIQ	146.1840, -0.7650, -79.7810

Conversions

Conversions Part 2

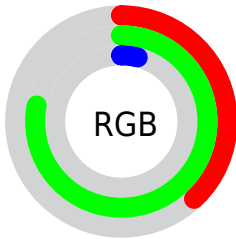
Format	Color
RYB	11, 198, 113
Decimal	6342155
CIELab	71.49, -56.40, 69.68
CIELCh	71, 89.649, 128.988
Yxy	42.8991, 0.3333, 0.5701
Android (android.graphics.Color)	4284532235 (0xFF60C60B)
YUV	146.1840, -66.6457, -44.0114
Hunter-Lab	65.4974, -46.2745, 39.2625

Details

The Hex color **60C60B** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **710BC6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9CFF54**, and **168F00** is the 20% darker color. If you saturate the color by 10%, you get **5AC600**, and if you desaturate by 10%, it is **6BC61F**.

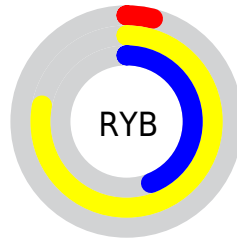
Distribution



Red (38%)

Green (78%)

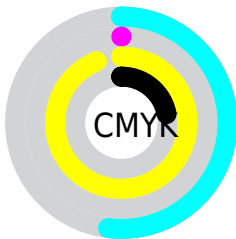
Blue (4%)



Red (4%)

Yellow (78%)

Blue (44%)

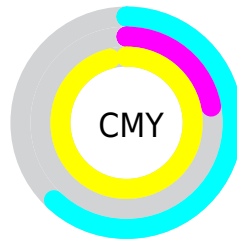


Cyan (52%)

Magenta (0%)

Yellow (94%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60C60B 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 60C60B by changing the saturation by 10% instead.

 60C60B

 60C60B

FFFFFF

 40AA00

 9CFF54

 168F00

 BAFF71

 007500

 D8FF8D

 005B00

 F6FFAA

 004200

 FFFFC7

 002C00

 FFFFE4

 000A00

 000000

 60C60B

 60C60B

 5AC600

 6BC61F

 76C633

 80C646

 8BC65A

 96C66E

 A1C682

 ACC696

 B6C6A9

 C1C6BD

Harmonies

Analogous

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



BCB300



60C60B



00D071

Triad

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



60C60B



00C8FF



FF4E9A

Complementary

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



60C60B



710BC6

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.



FF61EC



60C60B



00B1FF

Square

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



60C60B



00D1FF



CE8DFF



FF6D4C

Rectangle

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



60C60B



00D3AA



CE8DFF



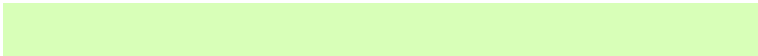
FF4EB6

Sweetspot

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



60C60B



D8FFB8



C66F0B



688054



000000



808080

Same Dimension

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



60C60B



74FF00



0BC611



5E635A



4AA300



102400

Inverse Universe

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



710BC6



8B00FF



C60BC0



5F5A63



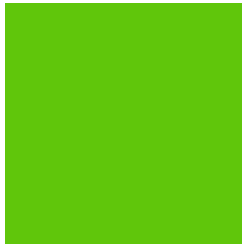
5900A3



130024

Previews

White Background



This preview shows how the Hex color 60C60B looks on a white background.

Color Contrast Check

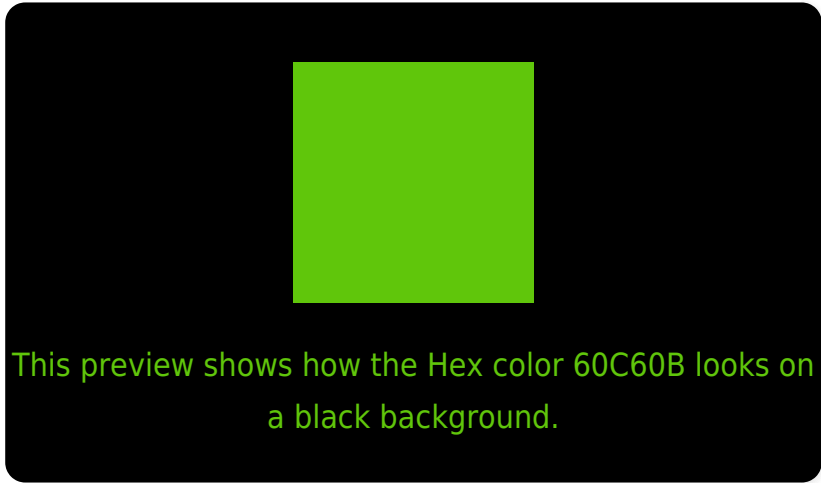
Large Text (above 18pt) WCAG AA × Fail

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 60C60B Background



This preview shows how black text looks on a background with the Hex color 60C60B.

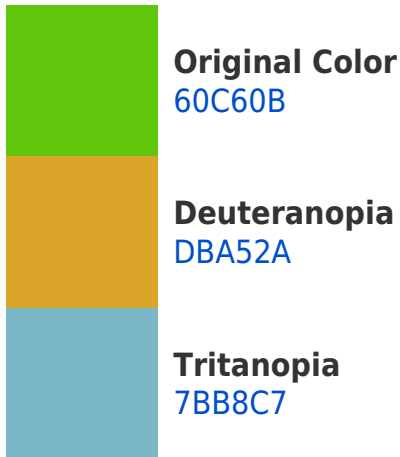


This preview shows how white text looks on a background with the Hex color 60C60B.

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



Trichromacy



Original Color
60C60B



Deuteranomaly
AEB11F

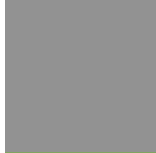


Tritanomaly
71BD83

Monochromacy



Original Color
60C60B



Achromatopsia
929292



Achromatomaly
80A561

CSS Examples

Text

The CSS property to change the color of the text to Hex 60C60B 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 #60C60B looks like.

```
.text, #text, p{  
    color:#60C60B  
}
```

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 #60C60B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60C60B
}
```

Border

The CSS property to change the border of an element to Hex 60C60B 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
#60C60B }
```

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

```
.border{ border-color:#60C60B }
```

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

Here you see how a box with a 4 pixel #60C60B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60C60B; -webkit-box-shadow:4px 4px  
4px 4px #60C60B; box-shadow:4px 4px 4px  
4px #60C60B }
```

Background

The CSS property to change the background color of an element to Hex 60C60B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60C60B }
```

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

```
.background{ background-color:#60C60B }
```

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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