

Converting Colors

Hex(6BA60C)

Have a look what the booklet for
Hex(6BA60C) contains.

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Color

Hex(6BA60C)

Conversions

Conversions Part 1

Format	Color
Hex	6BA60C
RGB	107, 166, 12
RGB Percent	42%, 65%, 5%
CMY	0.5804, 0.3490, 0.9529
CMYK	0.36, 0.00, 0.93, 0.35
HSL	83°, 87%, 35%
HSV	83°, 93%, 65%
XYZ	19.7660, 30.4248, 5.1786
YIQ	130.8030, 14.2700, -60.4020

Conversions

Conversions Part 2

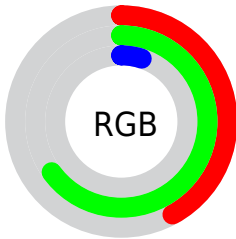
Format	Color
RYB	12, 166, 71
Decimal	7054860
CIELab	62.02, -40.06, 62.05
CIELCh	62, 73.859, 122.844
Yxy	30.4248, 0.3570, 0.5495
Android (android.graphics.Color)	4285244940 (0xFF6BA60C)
YUV	130.8030, -58.5699, -20.8752
Hunter-Lab	55.1587, -32.5626, 33.0446

Details

The Hex color **6BA60C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **470CA6**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A3DD4E**, and **327200** is the 20% darker color. If you saturate the color by 10%, you get **66A600**, and if you desaturate by 10%, it is **71A61D**.

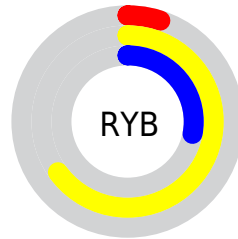
Distribution



Red (42%)

Green (65%)

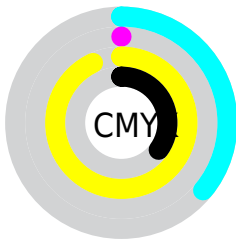
Blue (5%)



Red (5%)

Yellow (65%)

Blue (28%)

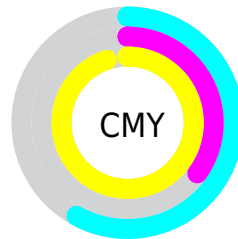


Cyan (36%)

Magenta (0%)

Yellow (93%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA60C 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 6BA60C by changing the saturation by 10% instead.



6BA60C



6BA60C

FFFFFF



4F8B00



A3DD4E



327200



C0FA6A



115900



Ddff85



004000



Fbffa1



002B00



FFFFBD



000D00



FFFFDA



000000



FFFFF8



6BA60C



6BA60C

■ 66A600

■ 71A61D

■ 78A62D

■ 7EA63E

■ 84A64E

■ 8BA65F

■ 91A670

■ 98A680

■ 9EA691

■ A4A6A1

Harmonies

Analogous

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



AE9500



6BA60C



00AF56

Triad

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



6BA60C



00ACFF



FF4E92

Complementary

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



6BA60C



470CA6

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.



E861D3



6BA60C



009CFF

Square

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



6BA60C



00B3DC



9C81FF



FF5D53

Rectangle

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



6BA60C



00B283



9C81FF



FF51A8

Sweetspot

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



6BA60C



C1D99C



A6440C



5F6E48



EDEDED



6E6E6E

Same Dimension

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



6BA60C



86D900



21A60C



51544C



5B9400



0D1400

Inverse Universe

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



470CA6



5300D9



910CA6



4F4C54



390094



080014

Previews

White Background



This preview shows how the Hex color 6BA60C looks on a white background.

Color Contrast Check

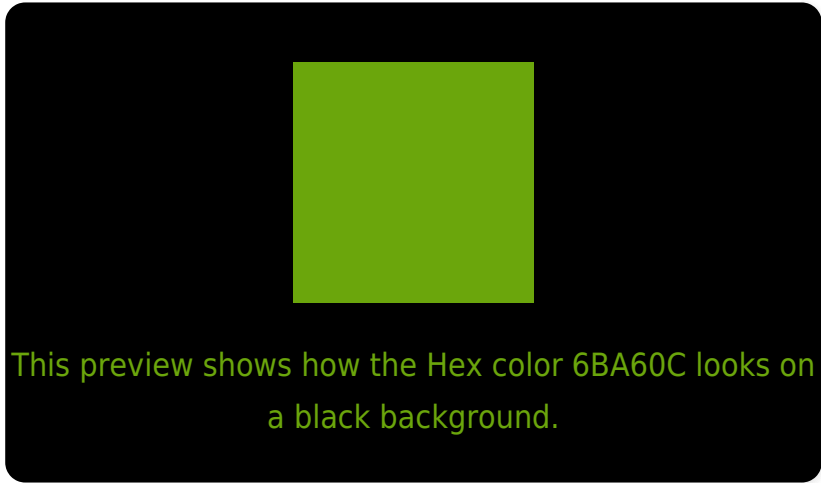
Large Text (above 18pt) WCAG AA × Fail

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 6BA60C Background



This preview shows how black text looks on a background with the Hex color 6BA60C.



This preview shows how white text looks on a background with the Hex color 6BA60C.

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
6BA60C

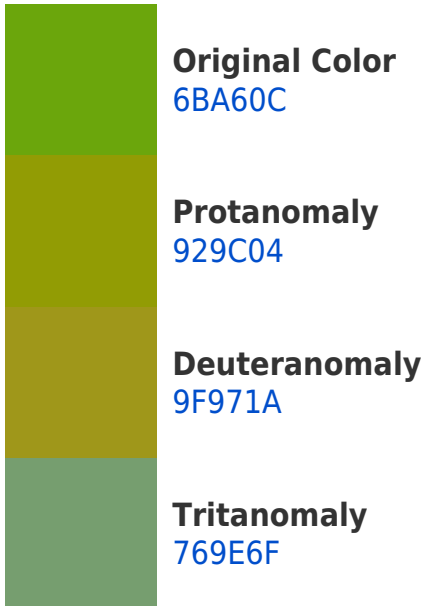
Protanopia
A89600

Deuteranopia
BC8E22

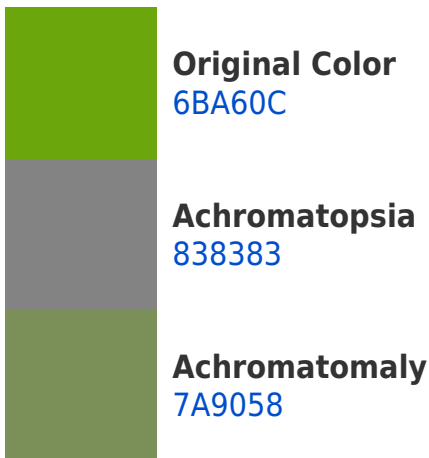


Tritanopia
7C9AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA60C 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 #6BA60C looks like.

```
.text, #text, p{  
    color:#6BA60C  
}
```

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 #6BA60C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA60C
}
```

Border

The CSS property to change the border of an element to Hex 6BA60C 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
#6BA60C }
```

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

```
.border{ border-color:#6BA60C }
```

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

Here you see how a box with a 4 pixel #6BA60C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA60C; -webkit-box-shadow:4px 4px  
4px 4px #6BA60C; box-shadow:4px 4px 4px  
4px #6BA60C }
```

Background

The CSS property to change the background color of an element to Hex 6BA60C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA60C }
```

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

```
.background{ background-color:#6BA60C }
```

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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