

Converting Colors

Hex(6CA00C)

Have a look what the booklet for
Hex(6CA00C) contains.

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Color

Hex(6CA00C)

Conversions

Conversions Part 1

Format	Color
Hex	6CA00C
RGB	108, 160, 12
RGB Percent	42%, 63%, 5%
CMY	0.5765, 0.3725, 0.9529
CMYK	0.32, 0.00, 0.92, 0.37
HSL	81°, 86%, 34%
HSV	81°, 92%, 63%
XYZ	18.8215, 28.3563, 4.8291
YIQ	127.5800, 16.5160, -57.0520

Conversions

Conversions Part 2

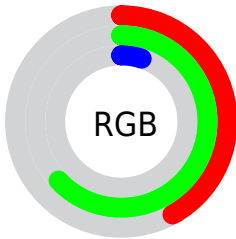
Format	Color
RYB	12, 160, 64
Decimal	7118860
CIELab	60.21, -37.05, 60.60
CIElCh	60, 71.031, 121.443
Yxy	28.3563, 0.3619, 0.5452
Android (android.graphics.Color)	4285308940 (0xFF6CA00C)
YUV	127.5800, -56.9809, -17.1717
Hunter-Lab	53.2506, -30.0975, 31.8986

Details

The Hex color **6CA00C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **400CA0**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A4D74D**, and **356C00** is the 20% darker color. If you saturate the color by 10%, you get **68A000**, and if you desaturate by 10%, it is **72A01C**.

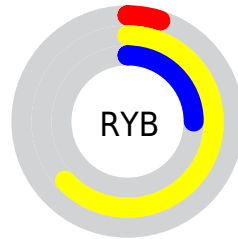
Distribution



Red (42%)

Green (63%)

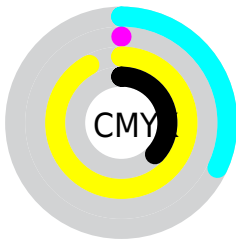
Blue (5%)



Red (5%)

Yellow (63%)

Blue (25%)

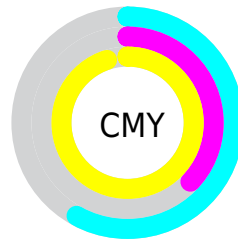


Cyan (32%)

Magenta (0%)

Yellow (92%)

Black (37%)



Cyan (58%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA00C 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 6CA00C by changing the saturation by 10% instead.



6CA00C



6CA00C

FFFFFF



508600



A4D74D



356C00



C1F468



165300



DEFF84



003C00



FBFFA0



002700



FFFFBC



000100



FFFFD8



000000



FFFFF6



6CA00C



6CA00C

■ 68A000

■ 72A01C

■ 77A02C

■ 7DA03C

■ 82A04C

■ 88A05C

■ 8EA06C

■ 93A07C

■ 99A08C

■ 9FA09C

Harmonies

Analogous

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



AB8F00



6CA00C



00A951

Triad

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



6CA00C



00A7FF



FE4D91

Complementary

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



6CA00C



400CA0

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.



DE60CE



6CA00C



0098FF

Square

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



6CA00C



00ADD1



927FFD



FA5A54

Rectangle

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



6CA00C



00AC7C



927FFD



F750A6

Sweetspot

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



6CA00C



BDD197



A0400C



5C6945



E8E8E8



696969

Same Dimension

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



6CA00C



88D100



22A00C



4C4F47



5D8F00



0A0F00

Inverse Universe

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



400CA0



4900D1



8A0CA0



4A474F



32008F



05000F

Previews

White Background



This preview shows how the Hex color 6CA00C looks on a white background.

Color Contrast Check

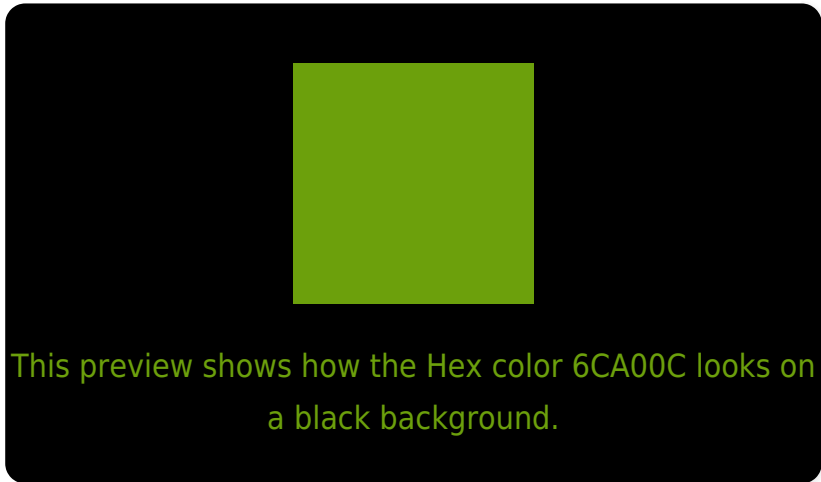
Large Text (above 18pt) WCAG AA ✓ Pass

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 6CA00C Background



This preview shows how black text looks on a background with the Hex color 6CA00C.



This preview shows how white text looks on a background with the Hex color 6CA00C.

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
6CA00C

Protanopia
A39100

Deuteranopia
B68920



Tritanopia
7C95A1

Trichromacy



Original Color
6CA00C

Protanomaly
8F9604

Deuteranomaly
9B9119

Tritanomaly
76996B

Monochromacy



Original Color
6CA00C

Achromatopsia
808080

Achromatomaly
798C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA00C 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 #6CA00C looks like.

```
.text, #text, p{  
    color:#6CA00C  
}
```

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 #6CA00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA00C
}
```

Border

The CSS property to change the border of an element to Hex 6CA00C 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
#6CA00C }
```

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

```
.border{ border-color:#6CA00C }
```

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

Here you see how a box with a 4 pixel #6CA00C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA00C; -webkit-box-shadow:4px 4px  
4px 4px #6CA00C; box-shadow:4px 4px 4px  
4px #6CA00C }
```

Background

The CSS property to change the background color of an element to Hex 6CA00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA00C }
```

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

```
.background{ background-color:#6CA00C }
```

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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