

Converting Colors

Hex(6CA709)

Have a look what the booklet for
Hex(6CA709) contains.

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Color

Hex(6CA709)

Conversions

Conversions Part 1

Format	Color
Hex	6CA709
RGB	108, 167, 9
RGB Percent	42%, 65%, 4%
CMY	0.5765, 0.3451, 0.9647
CMYK	0.35, 0.00, 0.95, 0.35
HSL	82°, 90%, 35%
HSV	82°, 95%, 65%
XYZ	20.0524, 30.8453, 5.1553
YIQ	131.3470, 15.5540, -61.6460

Conversions

Conversions Part 2

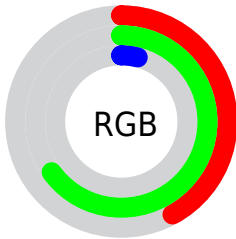
Format	Color
RYB	9, 167, 68
Decimal	7120649
CIELab	62.38, -40.18, 62.78
CIELCh	62, 74.534, 122.618
Yxy	30.8453, 0.3577, 0.5503
Android (android.graphics.Color)	4285310729 (0xFF6CA709)
YUV	131.3470, -60.3171, -20.4753
Hunter-Lab	55.5385, -32.7445, 33.3734

Details

The Hex color **6CA709** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4409A7**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A4DF4D**, and **337200** is the 20% darker color. If you saturate the color by 10%, you get **69A700**, and if you desaturate by 10%, it is **72A71A**.

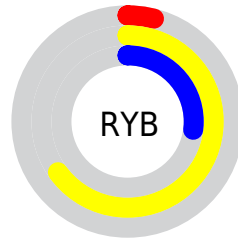
Distribution



Red (42%)

Green (65%)

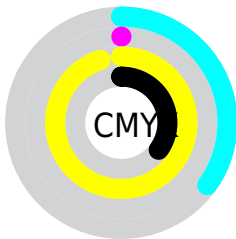
Blue (4%)



Red (4%)

Yellow (65%)

Blue (27%)

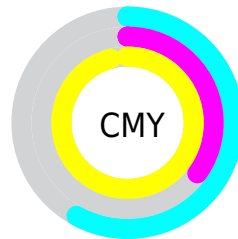


Cyan (35%)

Magenta (0%)

Yellow (95%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CA709 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 6CA709 by changing the saturation by 10% instead.



6CA709



6CA709

FFFFFF



508C00



A4DF4D



337200



C1FB69



125900



DFFF85



004100



FCFFA1



002B00



FFFFBD



000F00



FFFFDA



000000



FFFFF7



6CA709



6CA709

■ 69A700

■ 72A71A

■ 78A72A

■ 7FA73B

■ 85A74C

■ 8BA75C

■ 91A76D

■ 98A77E

■ 9EA78F

■ A4A79F

Harmonies

Analogous

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



B09600



6CA709



00B056

Triad

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



6CA709



00ADFF



FF4E94

Complementary

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



6CA709



4409A7

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.



EA61D5



6CA709



009DFF

Square

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



6CA709



00B4DD



9C82FF



FF5D53

Rectangle

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



6CA709



00B484



9C82FF



FF51AA

Sweetspot

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



6CA709



C2D99C



A74309



606E48



EDEDED



6E6E6E

Same Dimension

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



6CA709



88D900



1EA709



51544C



5D9400



0D1400

Inverse Universe

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



4409A7



5100D9



9209A7



4F4C54



370094



080014

Previews

White Background



This preview shows how the Hex color 6CA709 looks on a white background.

Color Contrast Check

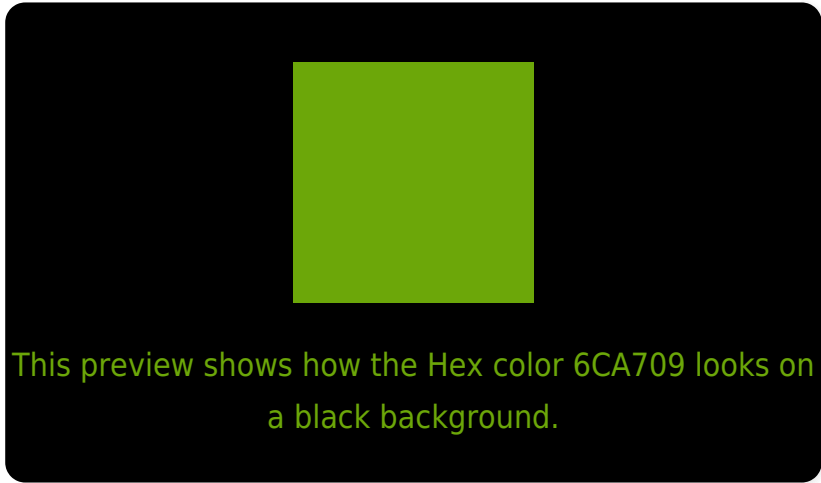
Large Text (above 18pt) WCAG AA × Fail

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 6CA709 Background



This preview shows how black text looks on a background with the Hex color 6CA709.

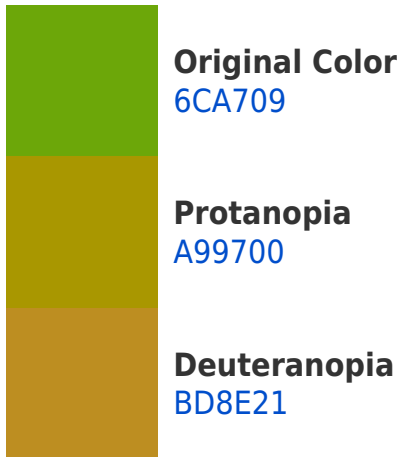



This preview shows how white text looks on a background with the Hex color 6CA709.

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
7D9BA8

Trichromacy



Original Color
6CA709

Protanomaly
939D03

Deuteranomaly
A09718

Tritanomaly
779F6E

Monochromacy



Original Color
6CA709

Achromatopsia
838383

Achromatomaly
7B9057

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CA709 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 #6CA709 looks like.

```
.text, #text, p{  
    color:#6CA709  
}
```

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 #6CA709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CA709
}
```

Border

The CSS property to change the border of an element to Hex 6CA709 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
#6CA709 }
```

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

```
.border{ border-color:#6CA709 }
```

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

Here you see how a box with a 4 pixel #6CA709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CA709; -webkit-box-shadow:4px 4px  
4px 4px #6CA709; box-shadow:4px 4px 4px  
4px #6CA709 }
```

Background

The CSS property to change the background color of an element to Hex 6CA709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CA709 }
```

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

```
.background{ background-color:#6CA709 }
```

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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