

Converting Colors

Hex(6CC64A)

Have a look what the booklet for
Hex(6CC64A) contains.

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Color

Hex(6CC64A)

Conversions

Conversions Part 1

Format	Color
Hex	6CC64A
RGB	108, 198, 74
RGB Percent	42%, 78%, 29%
CMY	0.5765, 0.2235, 0.7098
CMYK	0.45, 0.00, 0.63, 0.22
HSL	104°, 52%, 53%
HSV	104°, 63%, 78%
XYZ	27.6145, 44.0707, 13.5296
YIQ	156.9540, -13.8360, -57.6440

Conversions

Conversions Part 2

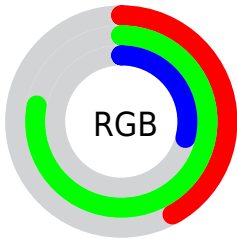
Format	Color
RYB	74, 198, 164
Decimal	7128650
CIELab	72.28, -49.34, 52.40
CIELCh	72, 71.972, 133.279
Yxy	44.0707, 0.3241, 0.5172
Android (android.graphics.Color)	4285318730 (0xFF6CC64A)
YUV	156.9540, -40.8963, -42.9327
Hunter-Lab	66.3858, -41.9246, 34.3866

Details

The Hex color **6CC64A** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **A44AC6**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A5FF7F**, and **308F0F** is the 20% darker color. If you saturate the color by 10%, you get **5EC636**, and if you desaturate by 10%, it is **7AC65E**.

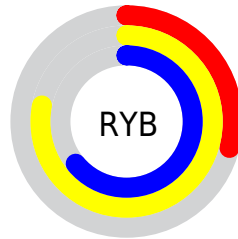
Distribution



Red (42%)

Green (78%)

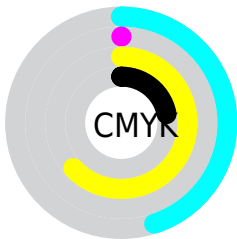
Blue (29%)



Red (29%)

Yellow (78%)

Blue (64%)

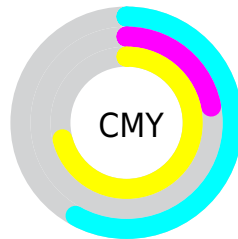


Cyan (45%)

Magenta (0%)

Yellow (63%)

Black (22%)



Cyan (58%)

Magenta (22%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CC64A 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 6CC64A by changing the saturation by 10% instead.

 6CC64A

 6CC64A


FFFFFF

 4FAA2F

 A5FF7F

 308F0F

 C2FF9B

 017500

 E0FFB6

 005C00

 FDFFD3

 004300

 FFFFF0

 002D00

 000F00

 000000

 6CC64A

 6CC64A

 5EC636

 7AC65E

 4FC622

 89C672

 41C60F

 97C685

 36C600

 A5C699

 B4C6AD

 C2C6C1

 D1C6D5

 DFC6E8

 EDC6FC

Harmonies

Analogous

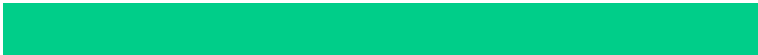
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7B71A



6CC64A



00CE89

Triad

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



6CC64A



00C3FF



FF7297

Complementary

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



6CC64A



A44AC6

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.



FF78D9



6CC64A



61AFFF

Square

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



6CC64A



00CFFF



DA93FF



FF8559

Rectangle

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



6CC64A



00D0B7



DA93FF



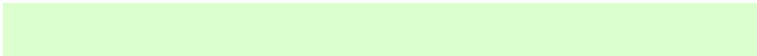
FF70AD

Sweetspot

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



6CC64A



DCFFCF



C6A34A



6A8062



000000



808080

Same Dimension

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



6CC64A



74FF40



4AC665



5C635A



2DA300



0A2400

Inverse Universe

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



A44AC6



CB40FF



C64AAB



615A63



7600A3



1A0024

Previews

White Background



This preview shows how the Hex color 6CC64A looks on a white background.

Color Contrast Check

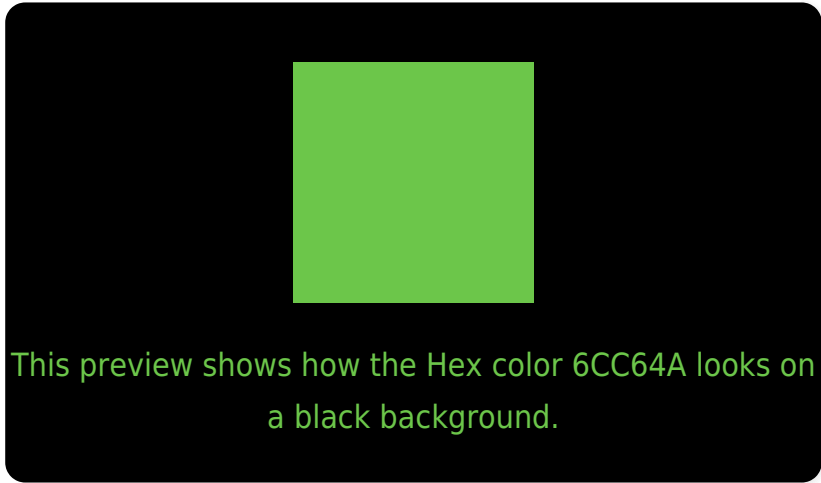
Large Text (above 18pt) WCAG AA × Fail

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 6CC64A Background



This preview shows how black text looks on a background with the Hex color 6CC64A.

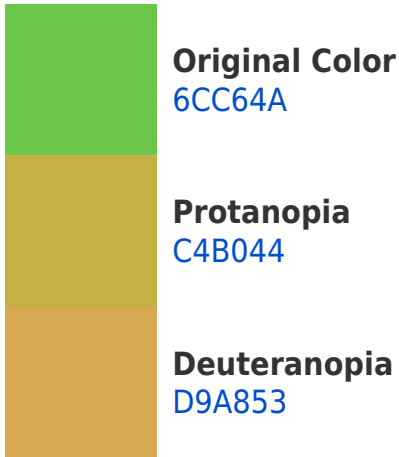


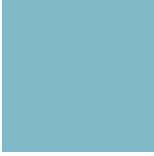
This preview shows how white text looks on a background with the Hex color 6CC64A.

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
82B9C8

Trichromacy



Original Color
6CC64A



Protanomaly
A4B846



Deuteranomaly
B1B350



Tritanomaly
7ABE9A

Monochromacy



Original Color
6CC64A



Achromatopsia
9D9D9D



Achromatomaly
8BAC7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CC64A 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 #6CC64A looks like.

```
.text, #text, p{  
    color:#6CC64A  
}
```

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 #6CC64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CC64A
}
```

Border

The CSS property to change the border of an element to Hex 6CC64A 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
#6CC64A }
```

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

```
.border{ border-color:#6CC64A }
```

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

Here you see how a box with a 4 pixel #6CC64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CC64A; -webkit-box-shadow:4px 4px  
4px 4px #6CC64A; box-shadow:4px 4px 4px  
4px #6CC64A }
```

Background

The CSS property to change the background color of an element to Hex 6CC64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CC64A }
```

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

```
.background{ background-color:#6CC64A }
```

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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