

Converting Colors

Hex(51C500)

Have a look what the booklet for
Hex(51C500) contains.

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Color

Hex(51C500)

Conversions

Conversions Part 1

Format	Color
Hex	51C500
RGB	81, 197, 0
RGB Percent	32%, 77%, 0%
CMY	0.6824, 0.2275, 1.0000
CMYK	0.59, 0.00, 1.00, 0.23
HSL	95°, 100%, 39%
HSV	95°, 100%, 77%
XYZ	23.3596, 41.6818, 6.8142
YIQ	139.8580, -5.8990, -85.8590

Conversions

Conversions Part 2

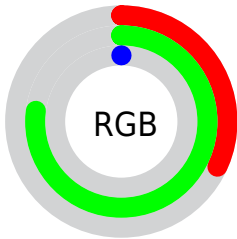
Format	Color
RYB	0, 197, 116
Decimal	5358848
CIELab	70.65, -60.30, 69.99
CIELCh	71, 92.387, 130.747
Yxy	41.6818, 0.3251, 0.5801
Android (android.graphics.Color)	4283548928 (0xFF51C500)
YUV	139.8580, -68.9500, -51.6185
Hunter-Lab	64.5615, -48.3978, 38.9352

Details

The Hex color **51C500** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7400C5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FFF50**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **51C500**, and if you desaturate by 10%, it is **5DC514**.

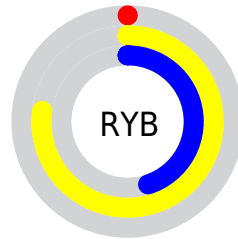
Distribution



Red (32%)

Green (77%)

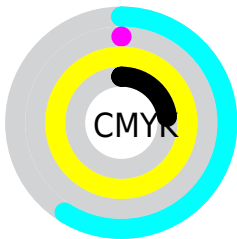
Blue (0%)



Red (0%)

Yellow (77%)

Blue (45%)

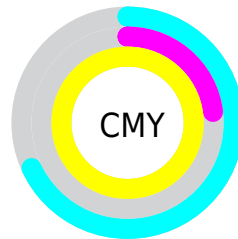


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (68%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C500 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 51C500 by changing the saturation by 10% instead.

 51C500

 51C500

FFFFFF

 2CA900

 8FFF50

 008E00

 ADFF6D

 007300

 CBFF8A

 005A00

 EAFFA6

 004100

 FFFFC3

 002A00

 FFFFEO

 000400

FFFFFFE

 000000

 51C500

 5DC514

 68C527

 74C53B

 7FC54F

 8BC563

 97C576

 A2C58A

 AEC59E

 B9C5B1

Harmonies

Analogous

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



B5B300



51C500



00CE72

Triad

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



51C500



00C5FF



FF4492

Complementary

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



51C500



7400C5

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.



FF57E6



51C500



00AEFF

Square

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



51C500



00D0FF



D386FF



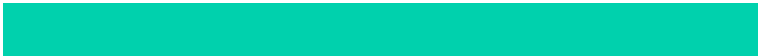
FF6A41

Rectangle

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



51C500



00D1AD



D386FF



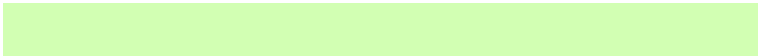
FF43AF

Sweetspot

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



51C500



D2FFB3



C57300



648052



000000



808080

Same Dimension

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



51C500



69FF00



00C510



5E635A



43A300



0F2400

Inverse Universe

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



7400C5



9600FF



C500B5



5F5A63



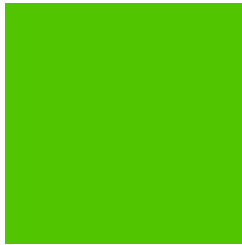
6000A3



150024

Previews

White Background



This preview shows how the Hex color 51C500 looks on a white background.

Color Contrast Check

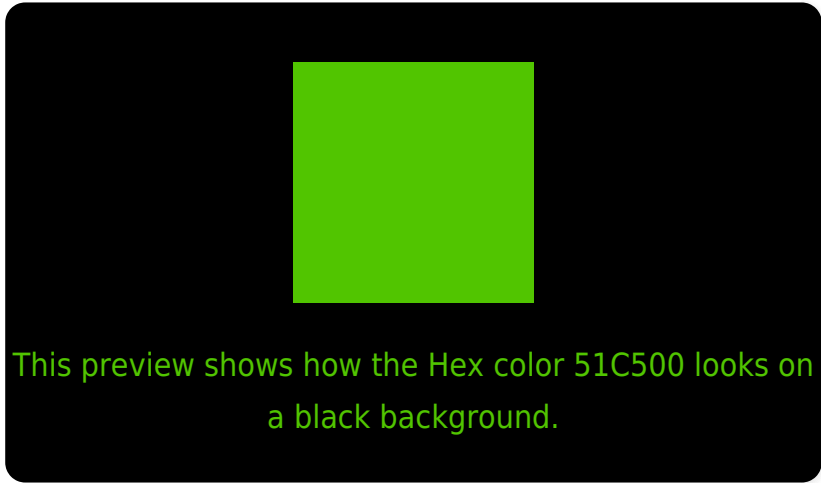
Large Text (above 18pt) WCAG AA × Fail

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 51C500 Background



This preview shows how black text looks on a background with the Hex color 51C500.

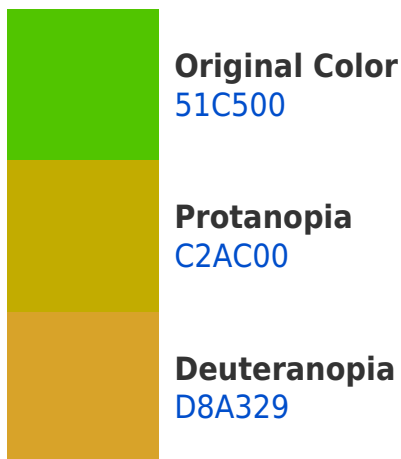


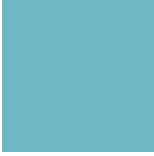
This preview shows how white text looks on a background with the Hex color 51C500.

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
70B7C6

Trichromacy



Original Color
51C500



Protanomaly
99B500



Deuteranomaly
A7AF1A



Tritanomaly
65BC7E

Monochromacy



Original Color
51C500



Achromatopsia
8C8C8C



Achromatomaly
77A159

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C500 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 #51C500 looks like.

```
.text, #text, p{  
    color:#51C500  
}
```

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 #51C500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C500
}
```

Border

The CSS property to change the border of an element to Hex 51C500 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
#51C500 }
```

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

```
.border{ border-color:#51C500 }
```

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

Here you see how a box with a 4 pixel #51C500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C500; -webkit-box-shadow:4px 4px  
4px 4px #51C500; box-shadow:4px 4px 4px  
4px #51C500 }
```

Background

The CSS property to change the background color of an element to Hex 51C500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C500 }
```

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

```
.background{ background-color:#51C500 }
```

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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