

Converting Colors

Hex(51C603)

Have a look what the booklet for
Hex(51C603) contains.

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Color

Hex(51C603)

Conversions

Conversions Part 1

Format	Color
Hex	51C603
RGB	81, 198, 3
RGB Percent	32%, 78%, 1%
CMY	0.6824, 0.2235, 0.9882
CMYK	0.59, 0.00, 0.98, 0.22
HSL	96°, 97%, 39%
HSV	96°, 98%, 78%
XYZ	23.6039, 42.1441, 6.9767
YIQ	140.7870, -7.1370, -85.4490

Conversions

Conversions Part 2

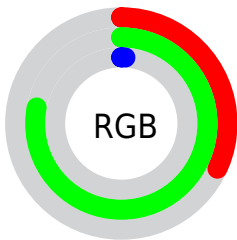
Format	Color
RYB	3, 198, 120
Decimal	5359107
CIELab	70.97, -60.59, 69.92
CIELCh	71, 92.518, 130.912
Yxy	42.1441, 0.3246, 0.5795
Android (android.graphics.Color)	4283549187 (0xFF51C603)
YUV	140.7870, -67.9290, -52.4332
Hunter-Lab	64.9185, -48.7061, 39.0711

Details

The Hex color **51C603** 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 **7803C6**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FFF51**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **4FC600**, and if you desaturate by 10%, it is **5DC617**.

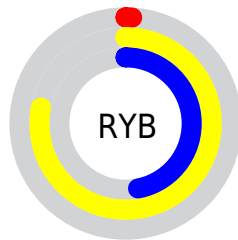
Distribution



Red (32%)

Green (78%)

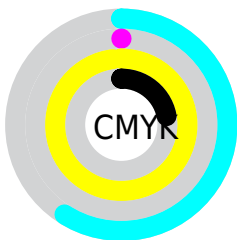
Blue (1%)



Red (1%)

Yellow (78%)

Blue (47%)

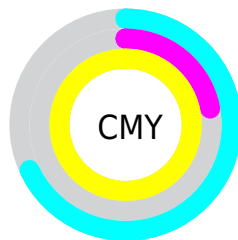


Cyan (59%)

Magenta (0%)

Yellow (98%)

Black (22%)



Cyan (68%)


Magenta (22%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51C603 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 51C603 by changing the saturation by 10% instead.

 51C603

 51C603

FFFFFF

 2CAA00

 8FFF51

 008F00

 ADFF6E

 007400

 CBFF8B

 005B00

 EAFFA7

 004200

 FFFFC4

 002A00

 FFFFE2

 000700

 000000

 51C603

 51C603

■ 4FC600

■ 5DC617

■ 69C62B

■ 75C63E

■ 81C652

■ 8CC666

■ 98C67A

■ A4C68E

■ B0C6A1

■ BCC6B5

Harmonies

Analogous

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



B5B400



51C603



00CF73

Triad

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



51C603



00C6FF



FF4593

Complementary

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



51C603



7803C6

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.



FF57E7



51C603



00AEFF

Square

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



51C603



00D1FF



D587FF



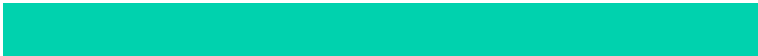
FF6B42

Rectangle

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



51C603



00D2AE



D587FF



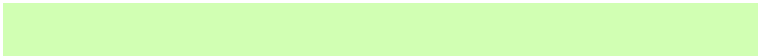
FF43AF

Sweetspot

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



51C603



D1FFB3



C67803



648052



000000



808080

Same Dimension

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



51C603



66FF00



03C616



5D635A



41A300



0E2400

Inverse Universe

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



7803C6



9900FF



C603B3



5F5A63



6200A3



150024

Previews

White Background



This preview shows how the Hex color 51C603 looks on a white background.

Color Contrast Check

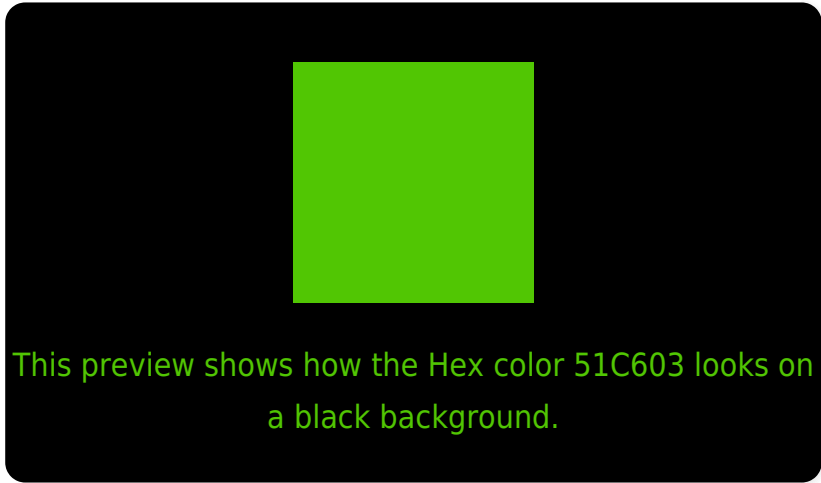
Large Text (above 18pt) WCAG AA × Fail

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 51C603 Background



This preview shows how black text looks on a background with the Hex color 51C603.

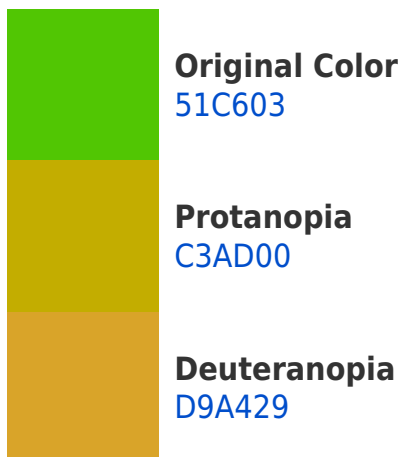


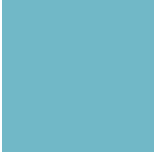
This preview shows how white text looks on a background with the Hex color 51C603.

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
71B8C7

Trichromacy



Original Color
51C603



Protanomaly
9AB601



Deuteranomaly
A8B01B



Tritanomaly
65BD80

Monochromacy



Original Color
51C603



Achromatopsia
8D8D8D



Achromatomaly
77A25B

CSS Examples

Text

The CSS property to change the color of the text to Hex 51C603 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 #51C603 looks like.

```
.text, #text, p{  
    color:#51C603  
}
```

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 #51C603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51C603
}
```

Border

The CSS property to change the border of an element to Hex 51C603 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
#51C603 }
```

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

```
.border{ border-color:#51C603 }
```

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

Here you see how a box with a 4 pixel #51C603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51C603; -webkit-box-shadow:4px 4px  
4px 4px #51C603; box-shadow:4px 4px 4px  
4px #51C603 }
```

Background

The CSS property to change the background color of an element to Hex 51C603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51C603 }
```

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

```
.background{ background-color:#51C603 }
```

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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