

Converting Colors

Hex(5FC300)

Have a look what the booklet for
Hex(5FC300) contains.

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Color

Hex(5FC300)

Conversions

Conversions Part 1

Format	Color
Hex	5FC300
RGB	95, 195, 0
RGB Percent	37%, 76%, 0%
CMY	0.6275, 0.2353, 1.0000
CMYK	0.51, 0.00, 1.00, 0.24
HSL	91°, 100%, 38%
HSV	91°, 100%, 76%
XYZ	24.2344, 41.4631, 6.7259
YIQ	142.8700, 2.9950, -81.8450

Conversions

Conversions Part 2

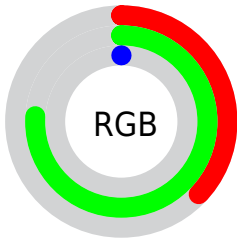
Format	Color
RYB	0, 195, 100
Decimal	6275840
CIELab	70.50, -55.79, 70.08
CIELCh	70, 89.570, 128.523
Yxy	41.4631, 0.3346, 0.5725
Android (android.graphics.Color)	4284465920 (0xFF5FC300)
YUV	142.8700, -70.4349, -41.9820
Hunter-Lab	64.3919, -45.5058, 38.8813

Details

The Hex color **5FC300** 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 **6400C3**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9BFC50**, and **158C00** is the 20% darker color. If you saturate the color by 10%, you get **5FC300**, and if you desaturate by 10%, it is **69C313**.

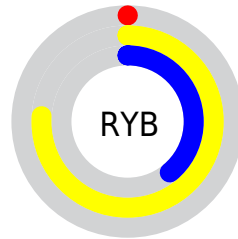
Distribution



Red (37%)

Green (76%)

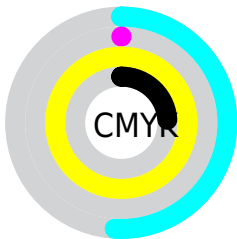
Blue (0%)



Red (0%)

Yellow (76%)

Blue (39%)

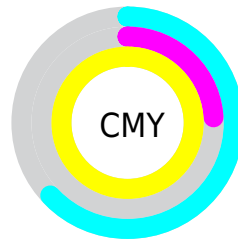


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (63%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC300 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 5FC300 by changing the saturation by 10% instead.

 5FC300

 5FC300

FFFFFF

 3FA700

 9BFC50

 158C00

 B9FF6D

 007200

 D6FF89

 005800

 F5FFA6

 004000

 FFFFC3

 002900

 FFFFEO

 000300

FFFFFFE

 000000

 5FC300

 69C313

 73C327

 7DC33B

 87C34E

 91C362

 9BC375

 A5C388

 AFC39C

 B9C3B0

Harmonies

Analogous

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



BAB000



5FC300



00CD6D

Triad

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



5FC300



00C5FF



FF4A99

Complementary

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



5FC300



6400C3

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.



FF5EEA



5FC300



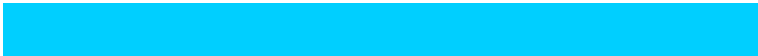
00AFFF

Square

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



5FC300



00CFFF



CA8BFF



FF694A

Rectangle

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



5FC300



00D0A6



CA8BFF



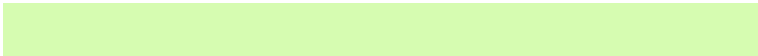
FF4AB4

Sweetspot

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



5FC300



D6FCB1



C36200



688052



000000



808080

Same Dimension

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



5FC300



7BFC00



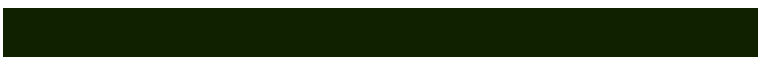
00C300



5C6157



4EA100



102100

Inverse Universe

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



6400C3



8100FC



C300C3



5C5761



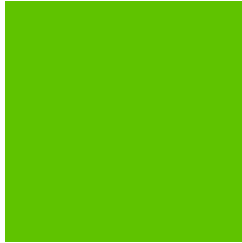
5200A1



110021

Previews

White Background



This preview shows how the Hex color 5FC300 looks on a white background.

Color Contrast Check

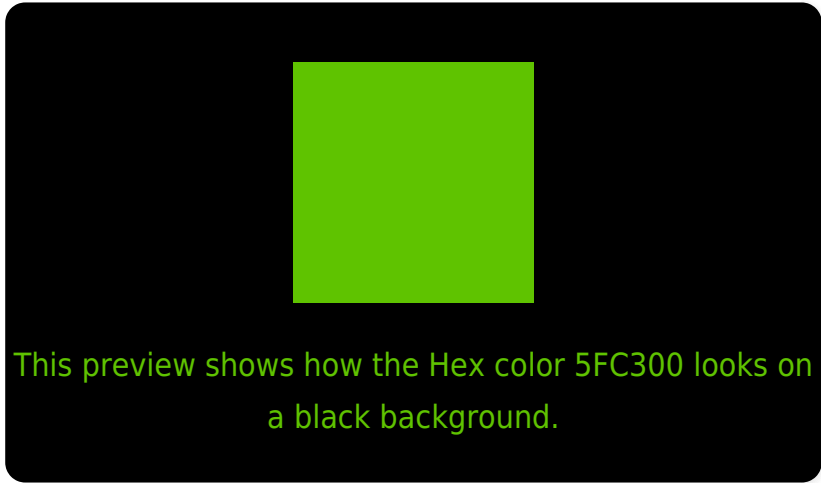
Large Text (above 18pt) WCAG AA × Fail

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 5FC300 Background



This preview shows how black text looks on a background with the Hex color 5FC300.

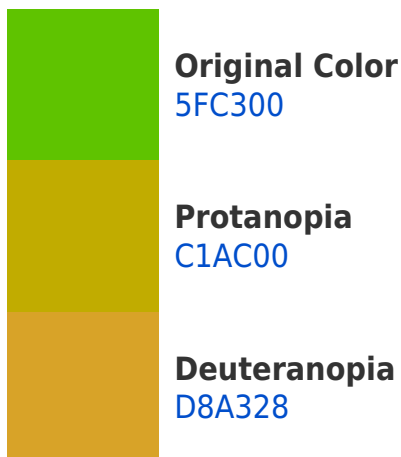


This preview shows how white text looks on a background with the Hex color 5FC300.

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](#).

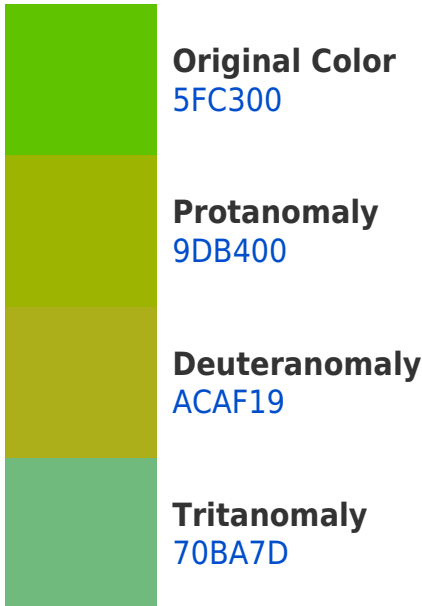
Dichromacy



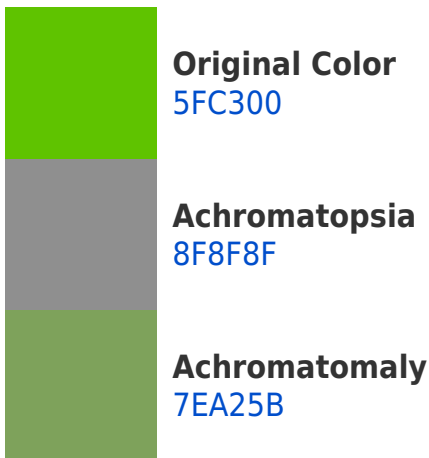


Tritanopia
7AB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC300 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 #5FC300 looks like.

```
.text, #text, p{  
    color:#5FC300  
}
```

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 #5FC300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC300
}
```

Border

The CSS property to change the border of an element to Hex 5FC300 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
#5FC300 }
```

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

```
.border{ border-color:#5FC300 }
```

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

Here you see how a box with a 4 pixel #5FC300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC300; -webkit-box-shadow:4px 4px  
4px 4px #5FC300; box-shadow:4px 4px 4px  
4px #5FC300 }
```

Background

The CSS property to change the background color of an element to Hex 5FC300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC300 }
```

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

```
.background{ background-color:#5FC300 }
```

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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