

Converting Colors

Hex(5DFF00)

Have a look what the booklet for
Hex(5DFF00) contains.

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Color

Hex(5DFF00)

Conversions

Conversions Part 1

Format	Color
Hex	5DFF00
RGB	93, 255, 0
RGB Percent	36%, 100%, 0%
CMY	0.6353, 0.0000, 1.0000
CMYK	0.64, 0.00, 1.00, 0.00
HSL	98°, 100%, 50%
HSV	98°, 100%, 100%
XYZ	40.2742, 73.8472, 12.1313
YIQ	177.4920, -14.6970, -113.6490

Conversions

Conversions Part 2

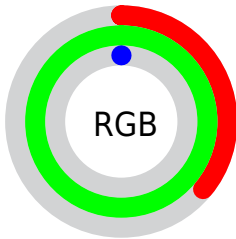
Format	Color
RYB	0, 255, 162
Decimal	6160128
CIELab	88.85, -76.39, 84.54
CIELCh	89, 113.941, 132.102
Yxy	73.8472, 0.3190, 0.5849
Android (android.graphics.Color)	4284350208 (0xFF5DFF00)
YUV	177.4920, -87.5036, -74.0995
Hunter-Lab	85.9344, -66.7289, 51.7842

Details

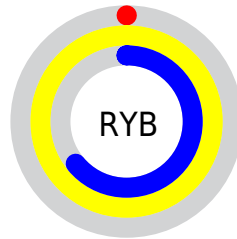
The Hex color **5DFF00** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **A200FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **A1FF5D**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **5DFF00**, and if you desaturate by 10%, it is **6DFF19**.

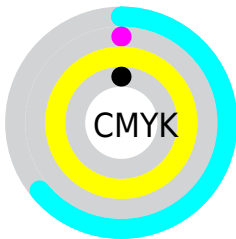
Distribution



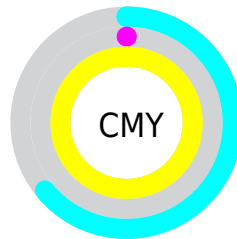
- Red (36%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (64%)



- Cyan (64%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (64%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DFF00 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 5DFF00 by changing the saturation by 10% instead.

 5DFF00

 5DFF00

FFFFFF

 32E200


 A1FF5D

 00C500

 C1FF7C

 00A900

 E1FF9A

 008D00

 FFFFB7

 007200

 FFFFD5

 005800

 FFFFF4

 003F00

 002500

 000000

 5DFF00

 6DFF19

 7DFF33

 8EFF4D

 9EFF66

 AEFF80

 BEFF99

 CEFFB3

 DFFFCC

 EFFFEE

Harmonies

Analogous

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



E4E800



5DFF00



00FF98

Triad

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



5DFF00



00FEFF



FF55B8

Complementary

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



5DFF00



A200FF

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.



FF6BFF



5DFF00



00DEFF

Square

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



5DFF00



00FFFF



FFAAFF



FF8A4F

Rectangle

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



5DFF00



00FFE4



FFAAFF



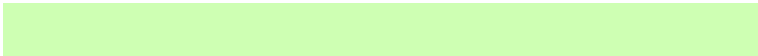
FF51DC

Sweetspot

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



5DFF00



CEFFB3



FFA200



628052



000000



808080

Same Dimension

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



5DFF00



00FF22



778073



46BF00



174000

Inverse Universe

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



A200FF



FF00DD



7B7380



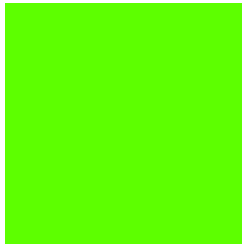
7A00BF



290040

Previews

White Background



This preview shows how the Hex color 5DFF00 looks on a white background.

Color Contrast Check

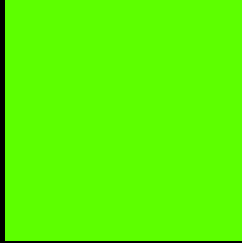
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5DFF00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

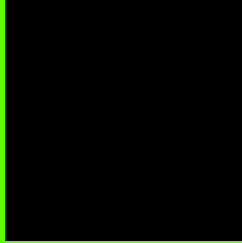
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

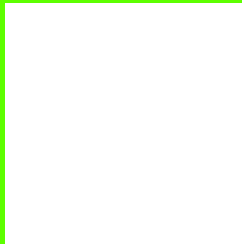
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5DFF00 Background



This preview shows how black text looks on a background with the Hex color 5DFF00.



This preview shows how white text looks on a background with the Hex color 5DFF00.

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](#).

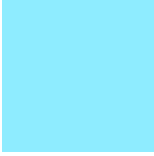
Dichromacy



Original Color
5DFF00

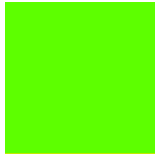
Protanopia
F9DE00

Deuteranopia
FFD79C



Tritanopia
8EECFE

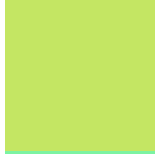
Trichromacy



Original Color
5DFF00



Protanomaly
C0EA00

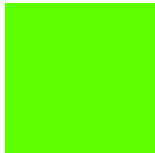


Deuteranomaly
C4E663

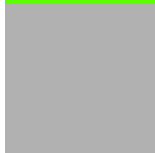


Tritanomaly
7CF3A2

Monochromacy



Original Color
5DFF00



Achromatopsia
B1B1B1



Achromatomaly
92CD71

CSS Examples

Text

The CSS property to change the color of the text to Hex 5DFF00 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 #5DFF00 looks like.

```
.text, #text, p{  
    color:#5DFF00  
}
```

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 #5DFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DFF00
}
```

Border

The CSS property to change the border of an element to Hex 5DFF00 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
#5DFF00 }
```

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

```
.border{ border-color:#5DFF00 }
```

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

Here you see how a box with a 4 pixel #5DFF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DFF00; -webkit-box-shadow:4px 4px  
4px 4px #5DFF00; box-shadow:4px 4px 4px  
4px #5DFF00 }
```

Background

The CSS property to change the background color of an element to Hex 5DFF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DFF00 }
```

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

```
.background{ background-color:#5DFF00 }
```

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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