

Converting Colors

Hex(57F300)

Have a look what the booklet for
Hex(57F300) contains.

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Color

Hex(57F300)

Conversions

Conversions Part 1

Format	Color
Hex	57F300
RGB	87, 243, 0
RGB Percent	34%, 95%, 0%
CMY	0.6588, 0.0471, 1.0000
CMYK	0.64, 0.00, 1.00, 0.05
HSL	99°, 100%, 48%
HSV	99°, 100%, 95%
XYZ	35.9811, 66.1274, 10.8675
YIQ	168.6540, -14.9730, -108.6450

Conversions

Conversions Part 2

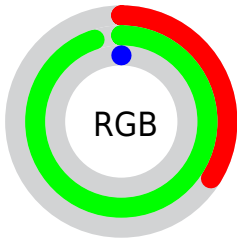
Format	Color
RYB	0, 243, 156
Decimal	5763840
CIELab	85.06, -73.91, 81.47
CIELCh	85, 110.001, 132.214
Yxy	66.1274, 0.3185, 0.5853
Android (android.graphics.Color)	4283953920 (0xFF57F300)
YUV	168.6540, -83.1464, -71.6106
Hunter-Lab	81.3188, -63.3270, 48.9996

Details

The Hex color **57F300** 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 **9C00F3**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **9BFF5A**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **57F300**, and if you desaturate by 10%, it is **67F318**.

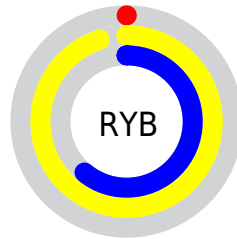
Distribution



Red (34%)

Green (95%)

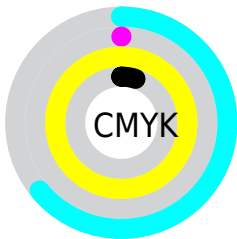
Blue (0%)



Red (0%)

Yellow (95%)

Blue (61%)

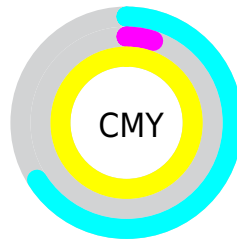


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (66%)

Magenta (5%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57F300 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 57F300 by changing the saturation by 10% instead.

 57F300

 57F300

FFFFFF

 2BD600

 9BFF5A

 00B900

 BBFF79

 009D00

 DAFF96

 008200

 FAFFB4

 006700

 FFFFD2

 004D00

 FFFFF0

 003500

 001A00

 000000

 57F300

 67F318

 76F331

 86F349

 95F361

 A5F379

 B5F392

 C4F3AA

 D4F3C2

 E3F3DB

Harmonies

Analogous

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



D9DD00



57F300



00FE90

Triad

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



57F300



00F2FF



FF50AF

Complementary

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



57F300



9C00F3

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.



FF64FF



57F300



00D3FF

Square

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



57F300



00FFFF



FFA2FF



FF834A

Rectangle

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



57F300



00FFDA



FFA2FF



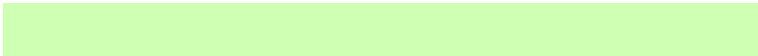
FF4CD1

Sweetspot

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



57F300



CEFFB3



F39A00



628052



000000



808080

Same Dimension

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



57F300



5BFF00



00F320



737A6E



43BA00



153B00

Inverse Universe

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



9C00F3



A400FF



F300D3



766E7A



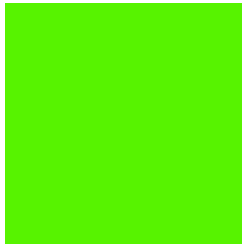
7800BA



26003B

Previews

White Background



This preview shows how the Hex color 57F300 looks on a white background.

Color Contrast Check

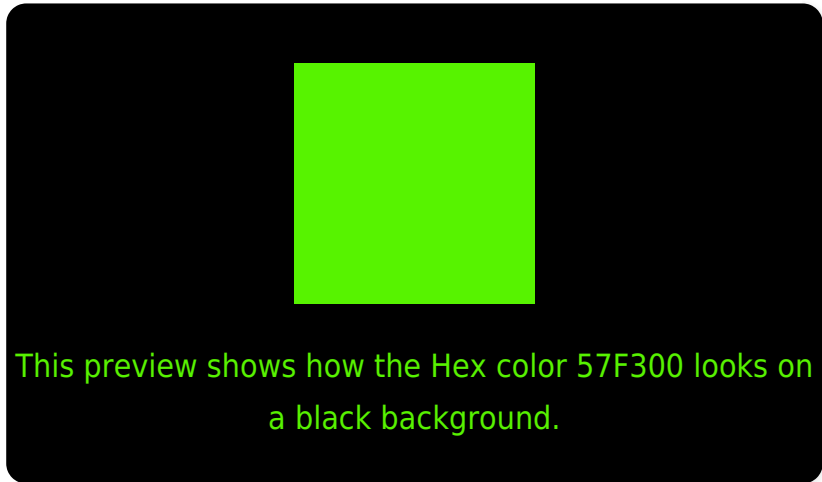
Large Text (above 18pt) WCAG AA × Fail

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

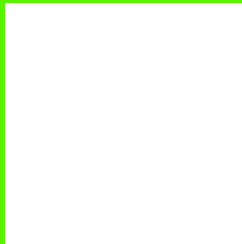
Any Text WCAG AAA ✓ Pass

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

Hex 57F300 Background



This preview shows how black text looks on a background with the Hex color 57F300.

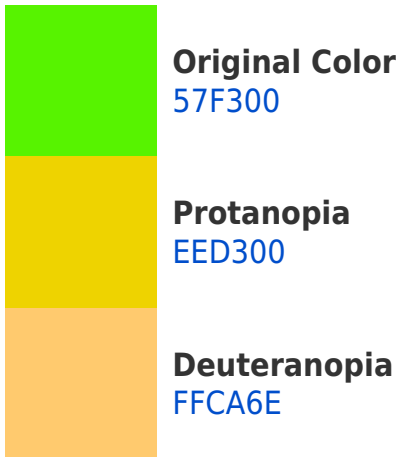


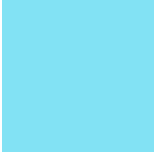
This preview shows how white text looks on a background with the Hex color 57F300.

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](#).

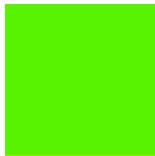
Dichromacy





Tritanopia
82E2F4

Trichromacy



Original Color
57F300



Protanomaly
B7DF00



Deuteranomaly
C2D946

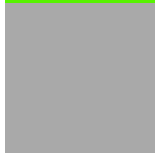


Tritanomaly
72E89B

Monochromacy



Original Color
57F300



Achromatopsia
A9A9A9



Achromatomaly
8BC46C

CSS Examples

Text

The CSS property to change the color of the text to Hex 57F300 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 #57F300 looks like.

```
.text, #text, p{  
    color:#57F300  
}
```

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 #57F300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57F300
}
```

Border

The CSS property to change the border of an element to Hex 57F300 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".

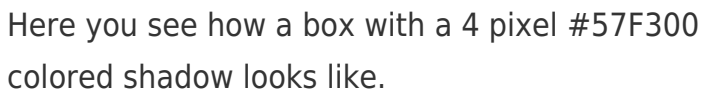
```
.border, #border, table{ border:4px solid
#57F300 }
```

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

```
.border{ border-color:#57F300 }
```

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

Here you see how a box with a 4 pixel #57F300 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57F300; -webkit-box-shadow:4px 4px  
4px 4px #57F300; box-shadow:4px 4px 4px  
4px #57F300 }
```

Background

The CSS property to change the background color of an element to Hex 57F300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57F300 }
```

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

```
.background{ background-color:#57F300 }
```

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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