

Converting Colors

Hex(57E300)

Have a look what the booklet for
Hex(57E300) contains.

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Color

Hex(57E300)

Conversions

Conversions Part 1

Format	Color
Hex	57E300
RGB	87, 227, 0
RGB Percent	34%, 89%, 0%
CMY	0.6588, 0.1098, 1.0000
CMYK	0.62, 0.00, 1.00, 0.11
HSL	97°, 100%, 45%
HSV	97°, 100%, 89%
XYZ	31.3996, 56.9644, 9.3403
YIQ	159.2620, -10.5730, -100.2770

Conversions

Conversions Part 2

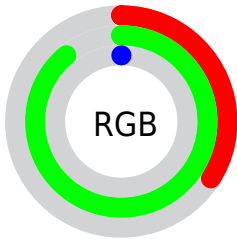
Format	Color
RYB	0, 227, 140
Decimal	5759744
CIELab	80.16, -68.83, 77.59
CIELCh	80, 103.720, 131.579
Yxy	56.9644, 0.3214, 0.5830
Android (android.graphics.Color)	4283949824 (0xFF57E300)
YUV	159.2620, -78.5162, -63.3738
Hunter-Lab	75.4748, -57.8200, 45.4950

Details

The Hex color **57E300** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **8C00E3**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **98FF57**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **57E300**, and if you desaturate by 10%, it is **65E317**.

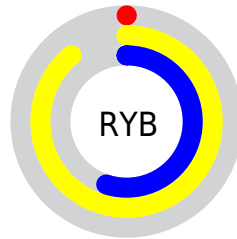
Distribution



Red (34%)

Green (89%)

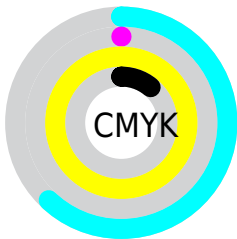
Blue (0%)



Red (0%)

Yellow (89%)

Blue (55%)

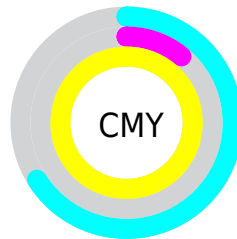


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (66%)

Magenta (11%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57E300 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 57E300 by changing the saturation by 10% instead.

 57E300

 57E300

FFFFFF

 2FC600

 98FF57

 00AA00

 B8FF75

 008F00

 D7FF92

 007400

 F6FFAF

 005A00

 FFFFCD

 004100

 FFFFEA

 002800


 000100

 000000

 57E300

 65E317

 73E32D

 81E344

 8FE35B

 9DE372

 ABE388

 B9E39F

 C7E3B6

 D5E3CC

Harmonies

Analogous

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



CDCF00



57E300



00ED85

Triad

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



57E300



00E2FF



FF4CA6

Complementary

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



57E300



8C00E3

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.



FF61FF



57E300



00C7FF

Square

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



57E300



00EFFF



F799FF



FF7A48

Rectangle

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



57E300



00F0C9



F799FF



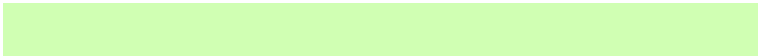
FF4AC6

Sweetspot

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



57E300



D0FFB3



E38C00



638052



000000



808080

Same Dimension

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



57E300



62FF00



00E31A



6C7367



44B300



143300

Inverse Universe

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



8C00E3



9D00FF



E300C9



6E6773



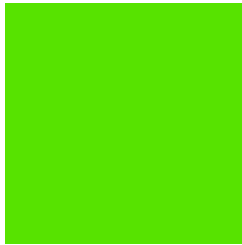
6E00B3



1F0033

Previews

White Background



This preview shows how the Hex color 57E300 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 57E300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

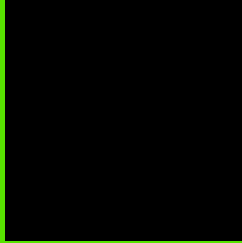
Any Text WCAG AA ✓ Pass

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 57E300 Background



This preview shows how black text looks on a background with the Hex color 57E300.

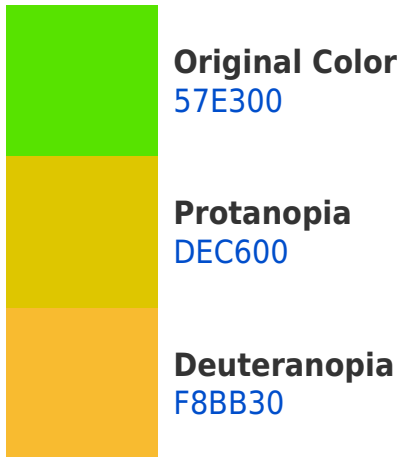


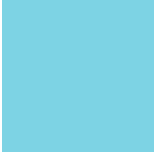
This preview shows how white text looks on a background with the Hex color 57E300.

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](#).

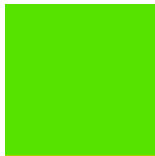
Dichromacy





Tritanopia
7DD3E4

Trichromacy



Original Color
57E300



Protanomaly
ADD100



Deuteranomaly
BDCA1F



Tritanomaly
6FD991

Monochromacy



Original Color
57E300



Achromatopsia
9F9F9F



Achromatomaly
85B865

CSS Examples

Text

The CSS property to change the color of the text to Hex 57E300 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 #57E300 looks like.

```
.text, #text, p{  
    color:#57E300  
}
```

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 #57E300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57E300
}
```

Border

The CSS property to change the border of an element to Hex 57E300 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
#57E300 }
```

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

```
.border{ border-color:#57E300 }
```

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

Here you see how a box with a 4 pixel #57E300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57E300; -webkit-box-shadow:4px 4px  
4px 4px #57E300; box-shadow:4px 4px 4px  
4px #57E300 }
```

Background

The CSS property to change the background color of an element to Hex 57E300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57E300 }
```

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

```
.background{ background-color:#57E300 }
```

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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