

Converting Colors

Hex(50E800)

Have a look what the booklet for
Hex(50E800) contains.

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Color

Hex(50E800)

Conversions

Conversions Part 1

Format	Color
Hex	50E800
RGB	80, 232, 0
RGB Percent	31%, 91%, 0%
CMY	0.6863, 0.0902, 1.0000
CMYK	0.66, 0.00, 1.00, 0.09
HSL	99°, 100%, 45%
HSV	99°, 100%, 91%
XYZ	32.1649, 59.4187, 9.7737
YIQ	160.1040, -16.1200, -104.3760

Conversions

Conversions Part 2

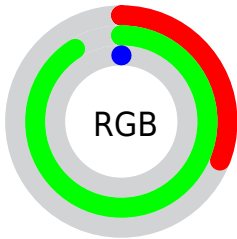
Format	Color
RYB	0, 232, 152
Decimal	5302272
CIELab	81.52, -71.92, 78.59
CIELCh	82, 106.530, 132.462
Yxy	59.4187, 0.3173, 0.5862
Android (android.graphics.Color)	4283492352 (0xFF50E800)
YUV	160.1040, -78.9313, -70.2512
Hunter-Lab	77.0835, -60.4129, 46.4409

Details

The Hex color **50E800** 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 **9800E8**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **94FF58**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **50E800**, and if you desaturate by 10%, it is **5FE817**.

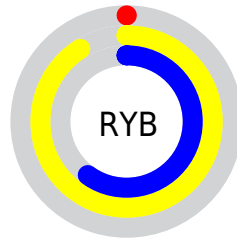
Distribution



Red (31%)

Green (91%)

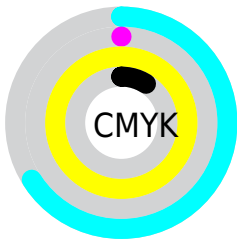
Blue (0%)



Red (0%)

Yellow (91%)

Blue (60%)

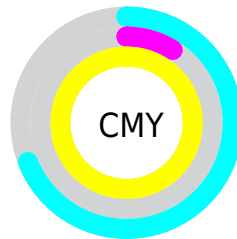


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (69%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50E800 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 50E800 by changing the saturation by 10% instead.

 50E800

 50E800

FFFFFF

 21CB00

 94FF58

 00AF00

 B3FF76

 009300

 D3FF93

 007800

 F2FFB1

 005E00

 FFFFCE

 004400

 FFFFEC

 002C00

 000A00

 000000

 50E800

 5FE817

 6EE82E

 7EE846

 8DE85D

 9CE874

 ABE88B

 BAE8A2

 CAE8BA

 D9E8D1

Harmonies

Analogous

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



CED300



50E800



00F28A

Triad

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



50E800



00E6FF



FF4BA6

Complementary

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



50E800



9800E8

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.



FF5EFF



50E800



00C9FF

Square

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



50E800



00F3FF



FF99FF



FF7D45

Rectangle

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



50E800



00F5D0



FF99FF



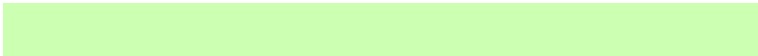
FF47C7

Sweetspot

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



50E800



CDFFB3



E89700



618052



000000



808080

Same Dimension

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



50E800



58FF00



00E823



6B7367



3EB300



123300

Inverse Universe

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



9800E8



A700FF



E800C5



6F6773



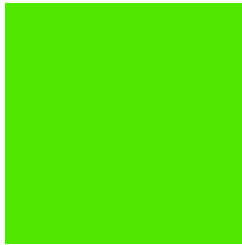
7500B3



210033

Previews

White Background



This preview shows how the Hex color 50E800 looks on a white background.

Color Contrast Check

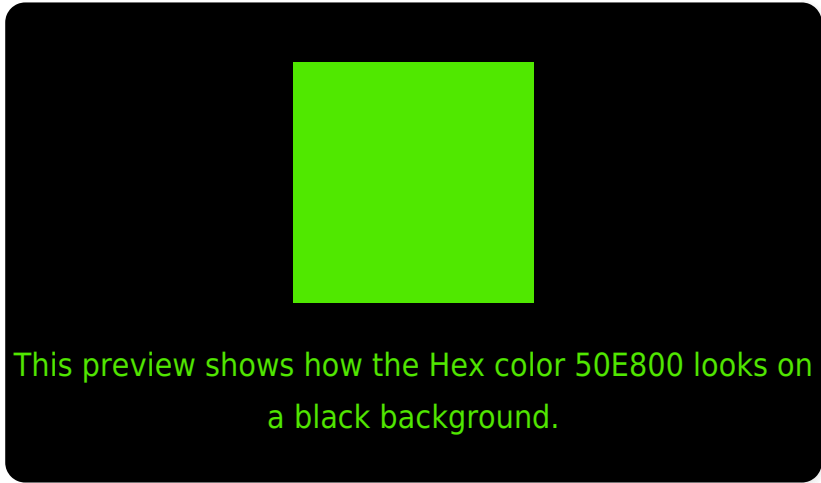
Large Text (above 18pt) WCAG AA × Fail

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

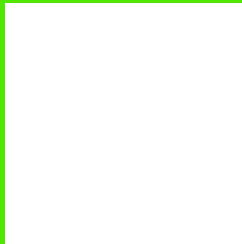
Any Text WCAG AAA ✓ Pass

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

Hex 50E800 Background



This preview shows how black text looks on a background with the Hex color 50E800.

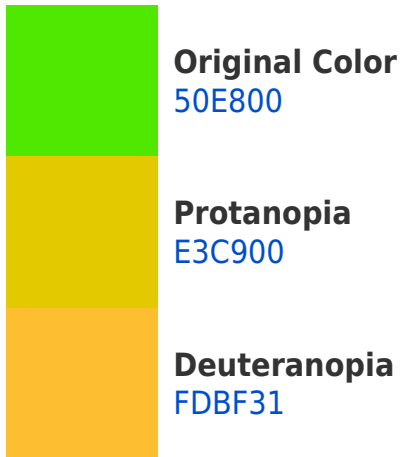


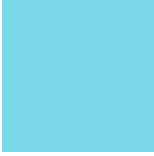
This preview shows how white text looks on a background with the Hex color 50E800.

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](#).

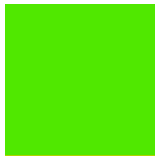
Dichromacy





Tritanopia
7AD8E9

Trichromacy



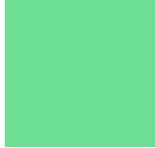
Original Color
50E800



Protanomaly
AED400

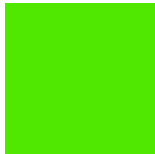


Deuteranomaly
BECE1F



Tritanomaly
6BDE94

Monochromacy



Original Color
50E800



Achromatopsia
A0A0A0



Achromatomaly
83BA66

CSS Examples

Text

The CSS property to change the color of the text to Hex 50E800 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 #50E800 looks like.

```
.text, #text, p{  
    color:#50E800  
}
```

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 #50E800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E800
}
```

Border

The CSS property to change the border of an element to Hex 50E800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

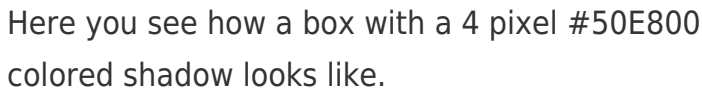
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50E800 }
```

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

```
.border{ border-color:#50E800 }
```

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



Here you see how a box with a 4 pixel #50E800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E800; -webkit-box-shadow:4px 4px  
4px 4px #50E800; box-shadow:4px 4px 4px  
4px #50E800 }
```

Background

The CSS property to change the background color of an element to Hex 50E800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E800 }
```

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

```
.background{ background-color:#50E800 }
```

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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