

Converting Colors

Hex(58EB04)

Have a look what the booklet for
Hex(58EB04) contains.

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Color

Hex(58EB04)

Conversions

Conversions Part 1

Format	Color
Hex	58EB04
RGB	88, 235, 4
RGB Percent	35%, 92%, 2%
CMY	0.6549, 0.0784, 0.9843
CMYK	0.63, 0.00, 0.98, 0.08
HSL	98°, 97%, 47%
HSV	98°, 98%, 92%
XYZ	33.7547, 61.5001, 10.2065
YIQ	164.7130, -13.4610, -103.0050

Conversions

Conversions Part 2

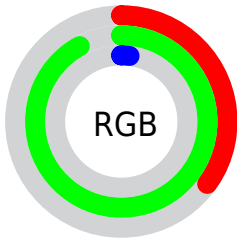
Format	Color
RYB	4, 235, 151
Decimal	5827332
CIELab	82.65, -71.12, 79.23
CIELCh	83, 106.468, 131.914
Yxy	61.5001, 0.3201, 0.5832
Android (android.graphics.Color)	4284017412 (0xFF58EB04)
YUV	164.7130, -79.2315, -67.2773
Hunter-Lab	78.4220, -60.4078, 47.1789

Details

The Hex color **58EB04** 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 **9704EB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9AFF5A**, and **00B200** is the 20% darker color. If you saturate the color by 10%, you get **55EB00**, and if you desaturate by 10%, it is **67EB1B**.

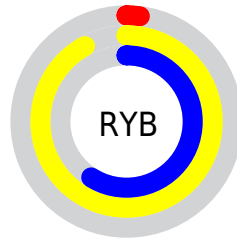
Distribution



Red (35%)

Green (92%)

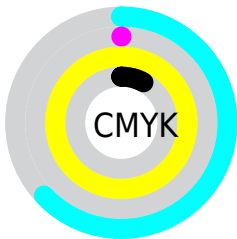
Blue (2%)



Red (2%)

Yellow (92%)

Blue (59%)

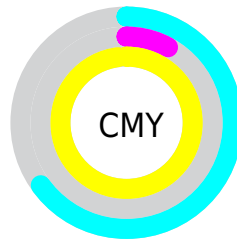


Cyan (63%)

Magenta (0%)

Yellow (98%)

Black (8%)



Cyan (65%)

Magenta (8%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58EB04 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 58EB04 by changing the saturation by 10% instead.

 58EB04

 58EB04

FFFFFF

 2FCE00

 9AFF5A

 00B200

 BAFF78

 009600

 D9FF95

 007B00


 F8FFB2

 006100

 FFFFD0

 004700

 FFFFEE

 002F00

 001100

 000000

 58EB04

 58EB04

 55EB00

 67EB1B

 76EB33

 85EB4B

 94EB62

 A3EB7A

 B2EB91

 C1EBA9

 D0EBC0

 DFEBD8

Harmonies

Analogous

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



D3D600



58EB04



00F68B

Triad

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



58EB04



00EAFB



FF4FAB

Complementary

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



58EB04



9704EB

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



58EB04



00CDFF

Square

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



58EB04



00F7FF



FF9EFF



FF7F4A

Rectangle

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



58EB04



00F9D2



FF9EFF



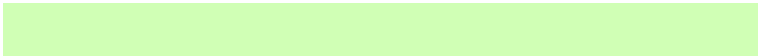
FF4CCC

Sweetspot

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



58EB04



D0FFB5



EB9604



638053



000000



808080

Same Dimension

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



58EB04



5DFF00



04EB23



6E756A



42B500



133600

Inverse Universe

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



9704EB



A200FF



EB04CC



716A75



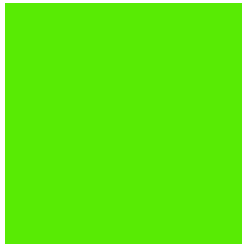
7300B5



220036

Previews

White Background



This preview shows how the Hex color 58EB04 looks on a white background.

Color Contrast Check

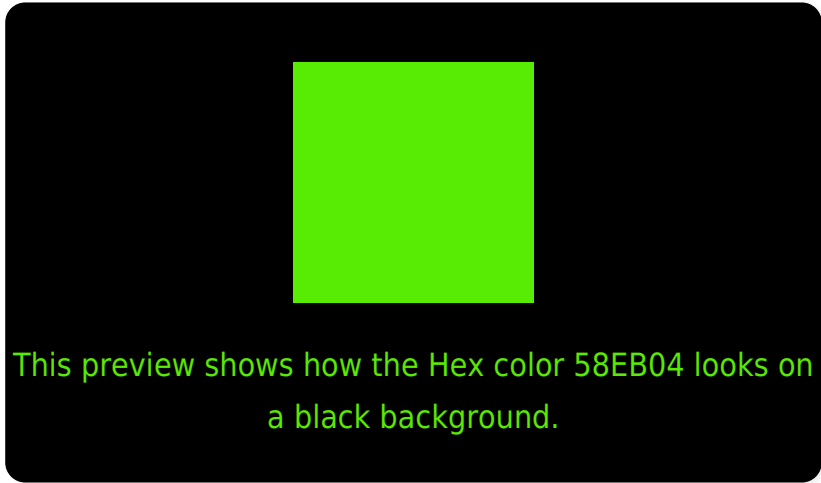
Large Text (above 18pt) WCAG AA × Fail

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 58EB04 Background



This preview shows how black text looks on a background with the Hex color 58EB04.

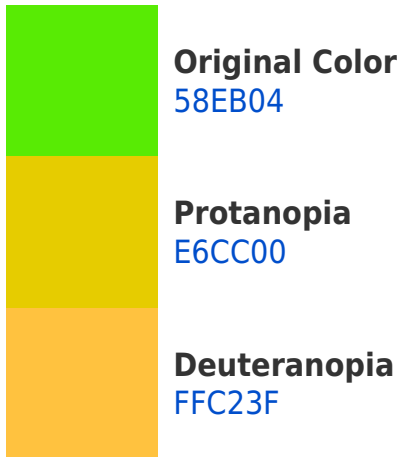


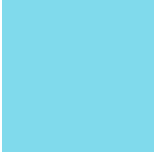
This preview shows how white text looks on a background with the Hex color 58EB04.

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](#).

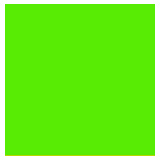
Dichromacy





Tritanopia
80DAEC

Trichromacy



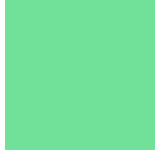
Original Color
58EB04



Protanomaly
B2D701



Deuteranomaly
C2D12A



Tritanomaly
71E098

Monochromacy



Original Color
58EB04



Achromatopsia
A5A5A5



Achromatomaly
89BE6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 58EB04 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 #58EB04 looks like.

```
.text, #text, p{  
    color:#58EB04  
}
```

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 #58EB04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EB04
}
```

Border

The CSS property to change the border of an element to Hex 58EB04 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
#58EB04 }
```

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

```
.border{ border-color:#58EB04 }
```

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

Here you see how a box with a 4 pixel #58EB04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EB04; -webkit-box-shadow:4px 4px  
4px 4px #58EB04; box-shadow:4px 4px 4px  
4px #58EB04 }
```

Background

The CSS property to change the background color of an element to Hex 58EB04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EB04 }
```

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

```
.background{ background-color:#58EB04 }
```

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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