

Converting Colors

Hex(50EC10)

Have a look what the booklet for
Hex(50EC10) contains.

Hex(50EC10)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50EC10)

Conversions

Conversions Part 1

Format	Color
Hex	50EC10
RGB	80, 236, 16
RGB Percent	31%, 93%, 6%
CMY	0.6863, 0.0745, 0.9373
CMYK	0.66, 0.00, 0.93, 0.07
HSL	103°, 87%, 49%
HSV	103°, 93%, 93%
XYZ	33.3972, 61.7338, 10.6458
YIQ	164.2760, -22.3560, -101.4920

Conversions

Conversions Part 2

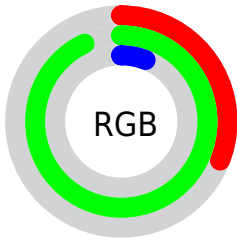
Format	Color
RYB	16, 236, 172
Decimal	5303312
CIELab	82.77, -72.91, 78.16
CIELCh	83, 106.889, 133.012
Yxy	61.7338, 0.3157, 0.5836
Android (android.graphics.Color)	4283493392 (0xFF50EC10)
YUV	164.2760, -73.1001, -73.9101
Hunter-Lab	78.5709, -61.6260, 46.9662

Details

The Hex color **50EC10** 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 **AC10EC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **94FF5D**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **45EC00**, and if you desaturate by 10%, it is **61EC28**.

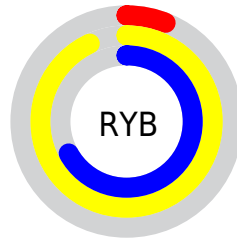
Distribution



Red (31%)

Green (93%)

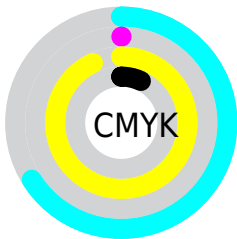
Blue (6%)



Red (6%)

Yellow (93%)

Blue (67%)

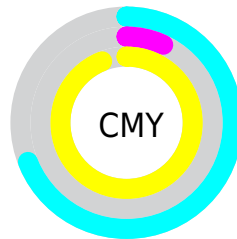


Cyan (66%)

Magenta (0%)

Yellow (93%)

Black (7%)



Cyan (69%)

Magenta (7%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50EC10 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 50EC10 by changing the saturation by 10% instead.

 50EC10

 50EC10

FFFFFF

 20CF00

 94FF5D

 00B300

 B4FF7B

 009700

 D4FF98

 007C00

 F3FFB5

 006100

 FFFFD3

 004800

 FFFFF1

 002F00

 001100

 000000

 50EC10

 50EC10

 45EC00

 61EC28

 71EC3F

 82EC57

 93EC6E

 A4EC86

 B4EC9E

 C5ECB5

 D6ECCD

 E7ECE4

Harmonies

Analogous

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



D0D700



50EC10



00F68F

Triad

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



50EC10



00EAF7



FF50A7

Complementary

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



50EC10



AC10EC

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



50EC10



00CCFF

Square

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



50EC10



00F7FF



FF9CFF



FF8146

Rectangle

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



50EC10



00F9D6



FF9CFF



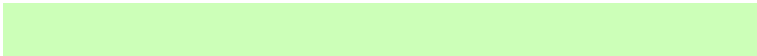
FF4BC8

Sweetspot

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



50EC10



CCFFB8



ECAA10



618054



000000



808080

Same Dimension

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



50EC10



4AFF00



10EC3C



6D756A



35B500



103600

Inverse Universe

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



AC10EC



B500FF



EC10C0



726A75



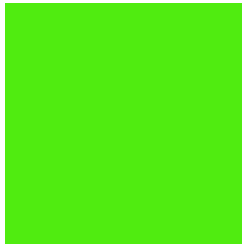
8000B5



260036

Previews

White Background



This preview shows how the Hex color 50EC10 looks on a white background.

Color Contrast Check

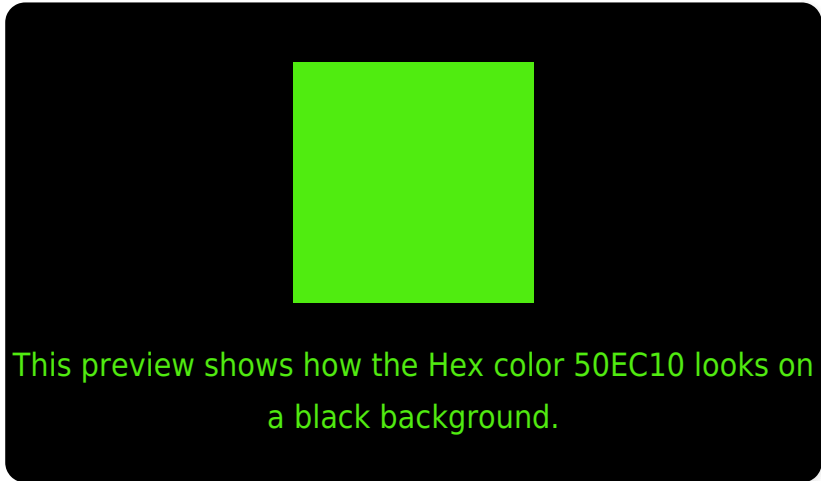
Large Text (above 18pt) WCAG AA × Fail

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

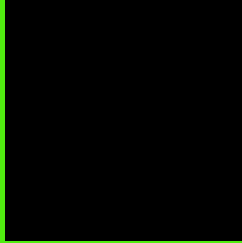
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

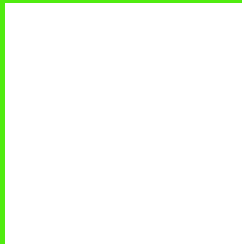
Any Text WCAG AAA ✓ Pass

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

Hex 50EC10 Background



This preview shows how black text looks on a background with the Hex color 50EC10.

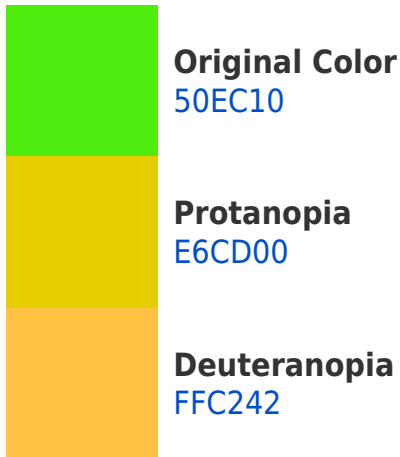


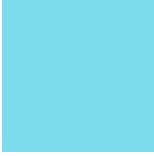
This preview shows how white text looks on a background with the Hex color 50EC10.

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](#).

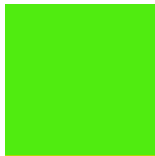
Dichromacy





Tritanopia
7CDBED

Trichromacy



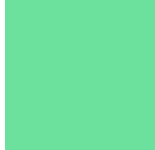
Original Color
50EC10



Protanomaly
AFD806

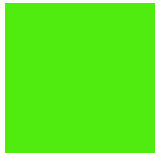


Deuteranomaly
BFD130



Tritanomaly
6CE19D

Monochromacy



Original Color
50EC10



Achromatopsia
A4A4A4



Achromatomaly
85BE6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 50EC10 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 #50EC10 looks like.

```
.text, #text, p{  
    color:#50EC10  
}
```

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 #50EC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50EC10
}
```

Border

The CSS property to change the border of an element to Hex 50EC10 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
#50EC10 }
```

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

```
.border{ border-color:#50EC10 }
```

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

Here you see how a box with a 4 pixel #50EC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50EC10; -webkit-box-shadow:4px 4px  
4px 4px #50EC10; box-shadow:4px 4px 4px  
4px #50EC10 }
```

Background

The CSS property to change the background color of an element to Hex 50EC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50EC10 }
```

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

```
.background{ background-color:#50EC10 }
```

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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