

Converting Colors

Hex(5CC91E)

Have a look what the booklet for
Hex(5CC91E) contains.

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Color

Hex(5CC91E)

Conversions

Conversions Part 1

Format	Color
Hex	5CC91E
RGB	92, 201, 30
RGB Percent	36%, 79%, 12%
CMY	0.6392, 0.2118, 0.8824
CMYK	0.54, 0.00, 0.85, 0.21
HSL	98°, 74%, 45%
HSV	98°, 85%, 79%
XYZ	25.5346, 44.1423, 8.4028
YIQ	148.9150, -10.0730, -76.2890

Conversions

Conversions Part 2

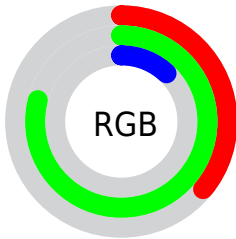
Format	Color
RYB	30, 201, 139
Decimal	6080798
CIELab	72.32, -58.08, 67.13
CIELCh	72, 88.768, 130.864
Yxy	44.1423, 0.3270, 0.5653
Android (android.graphics.Color)	4284270878 (0xFF5CC91E)
YUV	148.9150, -58.6251, -49.9145
Hunter-Lab	66.4397, -47.6670, 39.0092

Details

The Hex color **5CC91E** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed green. A complement of this color would be **8B1EC9**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **98FF5D**, and **099200** is the 20% darker color. If you saturate the color by 10%, you get **4FC90A**, and if you desaturate by 10%, it is **69C932**.

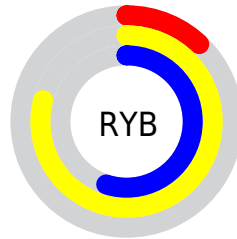
Distribution



Red (36%)

Green (79%)

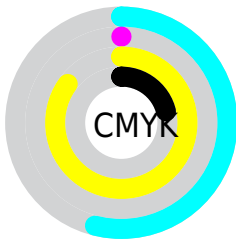
Blue (12%)



Red (12%)

Yellow (79%)

Blue (55%)

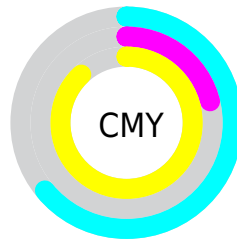


Cyan (54%)

Magenta (0%)

Yellow (85%)

Black (21%)



Cyan (64%)

Magenta (21%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CC91E 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 5CC91E by changing the saturation by 10% instead.

 5CC91E

 5CC91E

FFFFFF

 3BAD00

 98FF5D

 099200

 B6FF79

 007700

 D4FF95

 005D00

 F3FFB2

 004400

 FFFFCF

 002E00

 FFFFEC

 000F00

 000000

 5CC91E

 5CC91E

 4FC90A

 69C932

 49C900

 76C946

 82C95A

 8FC96E

 9CC983

 A9C997

 B6C9AB

 C2C9BF

 CFC9D3

Harmonies

Analogous

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



BAB700



5CC91E



00D279

Triad

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



5CC91E



00C9FF



FF5397

Complementary

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



5CC91E



8B1EC9

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.



FF62E8



5CC91E



00B2FF

Square

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



5CC91E



00D3FF



D88DFF



FF734A

Rectangle

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



5CC91E



00D5B1



D88DFF



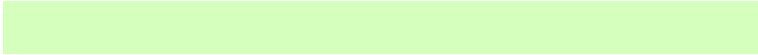
FF52B3

Sweetspot

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



5CC91E



D5FFBD



C98A1E



668058



000000



808080

Same Dimension

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



5CC91E



5CFF00



1EC935



5D635A



3BA300



0D2400

Inverse Universe

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



8B1EC9



A300FF



C91EB2



605A63



6800A3



170024

Previews

White Background



This preview shows how the Hex color 5CC91E looks on a white background.

Color Contrast Check

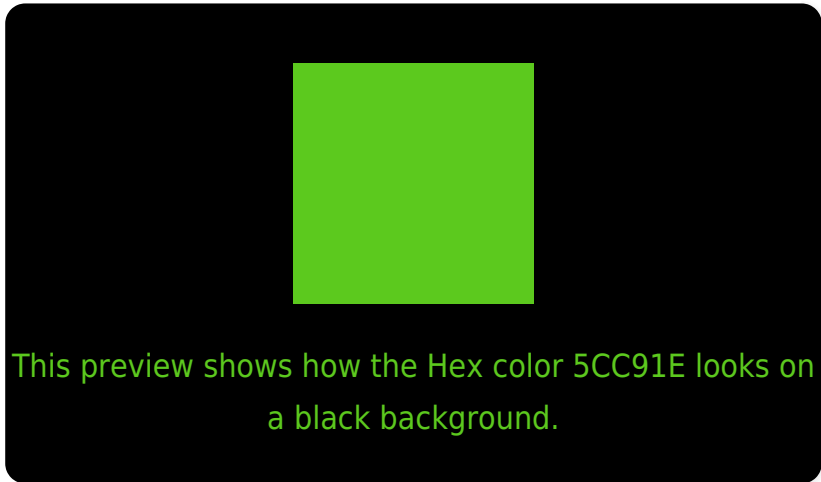
Large Text (above 18pt) WCAG AA × Fail

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 5CC91E Background



This preview shows how black text looks on a background with the Hex color 5CC91E.

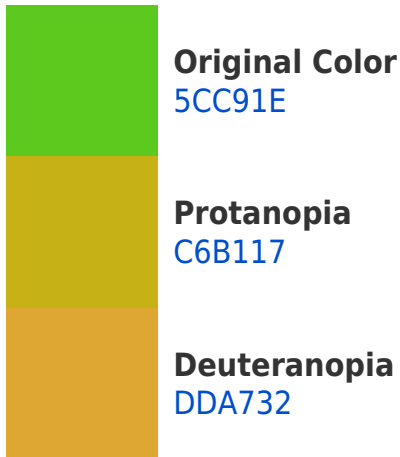


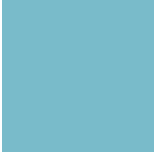
This preview shows how white text looks on a background with the Hex color 5CC91E.

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
79BBCA

Trichromacy



Original Color
5CC91E



Protanomaly
9FBA1A



Deuteranomaly
AEB32B



Tritanomaly
6EC08B

Monochromacy



Original Color
5CC91E



Achromatopsia
959595



Achromatomaly
80A86A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CC91E 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 #5CC91E looks like.

```
.text, #text, p{  
    color:#5CC91E  
}
```

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 #5CC91E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC91E
}
```

Border

The CSS property to change the border of an element to Hex 5CC91E 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
#5CC91E }
```

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

```
.border{ border-color:#5CC91E }
```

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

Here you see how a box with a 4 pixel #5CC91E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC91E; -webkit-box-shadow:4px 4px  
4px 4px #5CC91E; box-shadow:4px 4px 4px  
4px #5CC91E }
```

Background

The CSS property to change the background color of an element to Hex 5CC91E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC91E }
```

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

```
.background{ background-color:#5CC91E }
```

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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