

Converting Colors

Hex(55EA15)

Have a look what the booklet for
Hex(55EA15) contains.

Hex(55EA15)	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>	28

Color

Hex(55EA15)

Conversions

Conversions Part 1

Format	Color
Hex	55EA15
RGB	85, 234, 21
RGB Percent	33%, 92%, 8%
CMY	0.6667, 0.0824, 0.9176
CMYK	0.64, 0.00, 0.91, 0.08
HSL	102°, 84%, 50%
HSV	102°, 91%, 92%
XYZ	33.3045, 60.8311, 10.6957
YIQ	165.1670, -20.4310, -97.8310

Conversions

Conversions Part 2

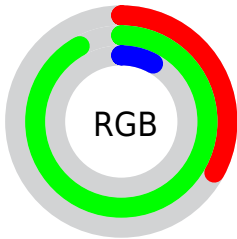
Format	Color
RYB	21, 234, 170
Decimal	5630485
CIELab	82.29, -71.16, 77.18
CIELCh	82, 104.976, 132.674
Yxy	60.8311, 0.3177, 0.5803
Android (android.graphics.Color)	4283820565 (0xFF55EA15)
YUV	165.1670, -71.0743, -70.3065
Hunter-Lab	77.9943, -60.2684, 46.4653

Details

The Hex color **55EA15** 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 **AA15EA**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **98FF5E**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **46EA00**, and if you desaturate by 10%, it is **65EA2C**.

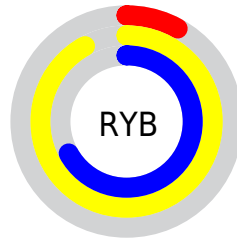
Distribution



Red (33%)

Green (92%)

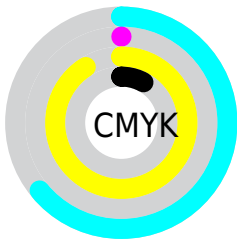
Blue (8%)



Red (8%)

Yellow (92%)

Blue (67%)

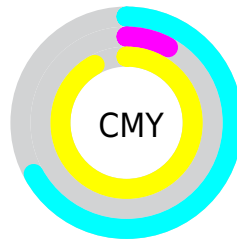


Cyan (64%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (67%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55EA15 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 55EA15 by changing the saturation by 10% instead.

 55EA15

 55EA15


FFFFFF

 2ACD00

 98FF5E

 00B100

 B7FF7C

 009500

 D6FF99

 007A00

 F6FFB6

 006000

 FFFFD4

 004600

 FFFFF2

 002E00

 000F00

 000000

 55EA15

 55EA15

 46EA00

 65EA2C

 76EA44

 86EA5B

 96EA73

 A7EA8A

 B7EAA1

 C8EAB9

 D8EAD0

 E8EAE8

Harmonies

Analogous

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



D0D600



55EA15



00F48E

Triad

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



55EA15



00E8FF



FF53A8

Complementary

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



55EA15



AA15EA

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



55EA15



00CBFF

Square

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



55EA15



00F5FF



FF9CFF



FF8149

Rectangle

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



55EA15



00F7D3



FF9CFF



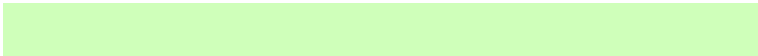
FF4FC8

Sweetspot

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



55EA15



CFFFBA



EAA715



638057



000000



808080

Same Dimension

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



55EA15



4DFF00



15EA3C



6D756A



36B500



103600

Inverse Universe

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



AA15EA



B200FF



EA15C3



726A75



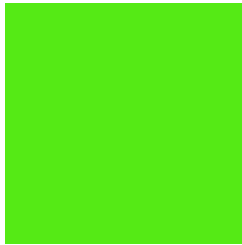
7F00B5



250036

Previews

White Background



This preview shows how the Hex color 55EA15 looks on a white background.

Color Contrast Check

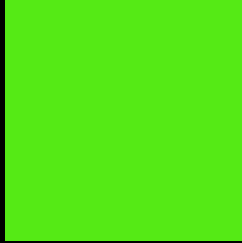
Large Text (above 18pt) WCAG AA × Fail

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 55EA15 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

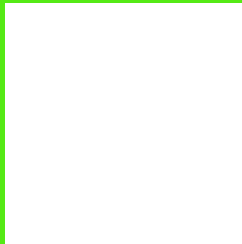
Any Text WCAG AAA ✓ Pass

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

Hex 55EA15 Background



This preview shows how black text looks on a background with the Hex color 55EA15.

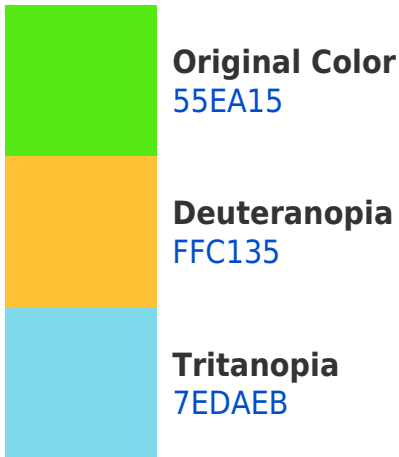


This preview shows how white text looks on a background with the Hex color 55EA15.

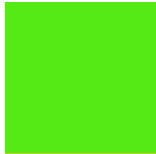
Color Blindness Simulation

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](#).

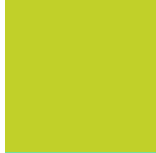
Dichromacy



Trichromacy



Original Color
55EA15

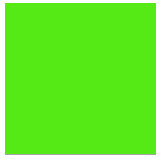


Deuteranomaly
C1D029



Tritanomaly
6FE09D

Monochromacy



Original Color
55EA15



Achromatopsia
A5A5A5



Achromatomaly
88BE71

CSS Examples

Text

The CSS property to change the color of the text to Hex 55EA15 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 #55EA15 looks like.

```
.text, #text, p{  
    color:#55EA15  
}
```

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 #55EA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55EA15
}
```

Border

The CSS property to change the border of an element to Hex 55EA15 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
#55EA15 }
```

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

```
.border{ border-color:#55EA15 }
```

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

Here you see how a box with a 4 pixel #55EA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55EA15; -webkit-box-shadow:4px 4px  
4px 4px #55EA15; box-shadow:4px 4px 4px  
4px #55EA15 }
```

Background

The CSS property to change the background color of an element to Hex 55EA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55EA15 }
```

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

```
.background{ background-color:#55EA15 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor