

Converting Colors

Hex(55ED0E)

Have a look what the booklet for
Hex(55ED0E) contains.

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Color

Hex(55ED0E)

Conversions

Conversions Part 1

Format	Color
Hex	55ED0E
RGB	85, 237, 14
RGB Percent	33%, 93%, 5%
CMY	0.6667, 0.0706, 0.9451
CMYK	0.64, 0.00, 0.94, 0.07
HSL	101°, 89%, 49%
HSV	101°, 94%, 93%
XYZ	34.1098, 62.5314, 10.6875
YIQ	166.1300, -19.0090, -101.5770

Conversions

Conversions Part 2

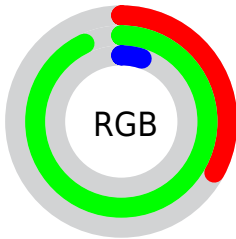
Format	Color
RYB	14, 237, 166
Decimal	5631246
CIELab	83.20, -72.25, 78.77
CIELCh	83, 106.884, 132.528
Yxy	62.5314, 0.3178, 0.5826
Android (android.graphics.Color)	4283821326 (0xFF55ED0E)
YUV	166.1300, -75.0001, -71.1510
Hunter-Lab	79.0768, -61.3884, 47.3405

Details

The Hex color **55ED0E** 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 **A60EED**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **98FF5C**, and **00B400** is the 20% darker color. If you saturate the color by 10%, you get **4BED00**, and if you desaturate by 10%, it is **65ED26**.

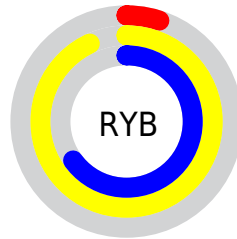
Distribution



Red (33%)

Green (93%)

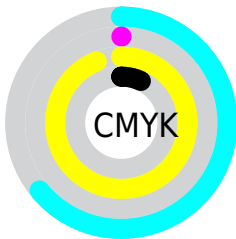
Blue (5%)



Red (5%)

Yellow (93%)

Blue (65%)

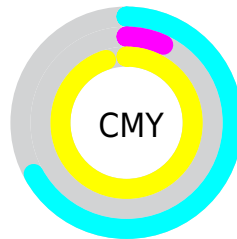


Cyan (64%)

Magenta (0%)

Yellow (94%)

Black (7%)



Cyan (67%)

Magenta (7%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55ED0E 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 55ED0E by changing the saturation by 10% instead.

 55ED0E

 55ED0E

FFFFFF

 29D000

 98FF5C

 00B400

 B8FF7A

 009800

 D7FF98

 007D00

 F7FFB5

 006200

 FFFFD3

 004900

 FFFFF1

 003000

 001300

 000000

 55ED0E

 55ED0E

 4BED00

 65ED26

 75ED3D

 85ED55

 96ED6D

 A6ED85

 B6ED9C

 C6EDB4

 D6EDCC

 E6EDE3

Harmonies

Analogous

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



D3D800



55ED0E



00F78F

Triad

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



55ED0E



00EBFF



FF51AA

Complementary

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



55ED0E



A60EED

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



55ED0E



00CEFF

Square

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



55ED0E



00F8FF



FF9EFF



FF8249

Rectangle

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



55ED0E



00FBD5



FF9EFF



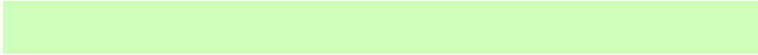
FF4DCB

Sweetspot

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



55ED0E



CEFFB8



EDA30E



628054



000000



808080

Same Dimension

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



55ED0E



51FF00



0EED33



6D756A



3AB500



113600

Inverse Universe

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



A60EED



AE00FF



ED0EC8



726A75



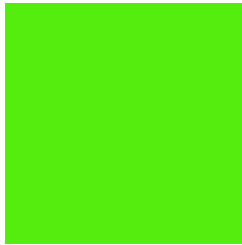
7B00B5



250036

Previews

White Background



This preview shows how the Hex color 55ED0E 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 55ED0E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

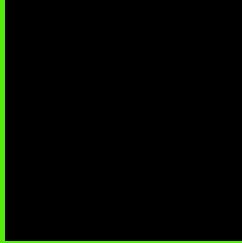
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

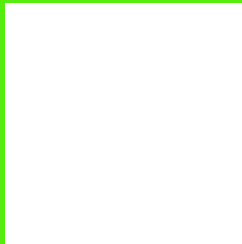
Any Text WCAG AAA ✓ Pass

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

Hex 55ED0E Background



This preview shows how black text looks on a background with the Hex color 55ED0E.

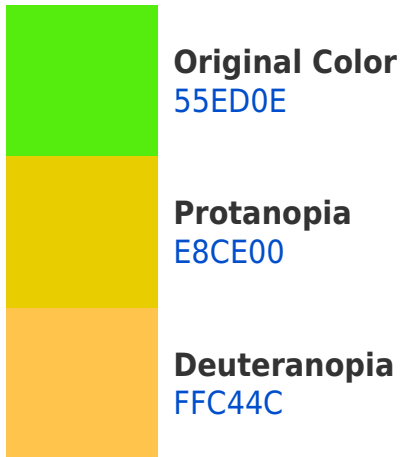


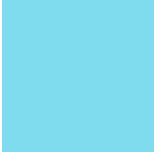
This preview shows how white text looks on a background with the Hex color 55ED0E.

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](#).

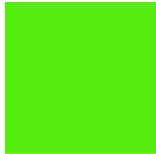
Dichromacy





Tritanopia
7FDCEE

Trichromacy



Original Color
55ED0E



Protanomaly
B3D905

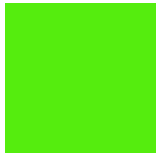


Deuteranomaly
C1D335

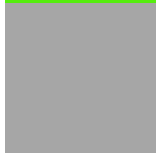


Tritanomaly
70E29D

Monochromacy



Original Color
55ED0E



Achromatopsia
A6A6A6



Achromatomaly
89C06F

CSS Examples

Text

The CSS property to change the color of the text to Hex 55ED0E 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 #55ED0E looks like.

```
.text, #text, p{  
    color:#55ED0E  
}
```

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 #55ED0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55ED0E
}
```

Border

The CSS property to change the border of an element to Hex 55ED0E 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
#55ED0E }
```

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

```
.border{ border-color:#55ED0E }
```

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

Here you see how a box with a 4 pixel #55ED0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55ED0E; -webkit-box-shadow:4px 4px  
4px 4px #55ED0E; box-shadow:4px 4px 4px  
4px #55ED0E }
```

Background

The CSS property to change the background color of an element to Hex 55ED0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55ED0E }
```

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

```
.background{ background-color:#55ED0E }
```

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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