

Converting Colors

Hex(56E314)

Have a look what the booklet for
Hex(56E314) contains.

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Color

Hex(56E314)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 56E314 |
| RGB | 86, 227, 20 |
| RGB Percent | 34%, 89%, 8% |
| CMY | 0.6627, 0.1098, 0.9216 |
| CMYK | 0.62, 0.00, 0.91, 0.11 |
| HSL | 101°, 84%, 48% |
| HSV | 101°, 91%, 89% |
| XYZ | 31.4331, 56.9671, 10.0009 |
| YIQ | 161.2430, -17.5890, -94.2690 |

Conversions

Conversions Part 2

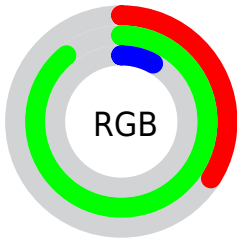
| Format | Color |
|-------------------------------------|--|
| RYB | 20, 227, 161 |
| Decimal | 5694228 |
| CIELab | 80.16, -68.72, 75.56 |
| CIELCh | 80, 102.133, 132.286 |
| Yxy | 56.9671, 0.3194, 0.5789 |
| Android (android.graphics.Color) | 4283884308 (0xFF56E314) |
| YUV | 161.2430, -69.6328, -65.9881 |
| Hunter-Lab | 75.4766, -57.7455, 44.9775 |

Details

The Hex color **56E314** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A114E3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **97FF5D**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **48E300**, and if you desaturate by 10%, it is **65E32B**.

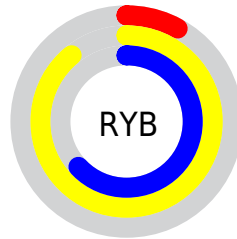
Distribution



Red (34%)

Green (89%)

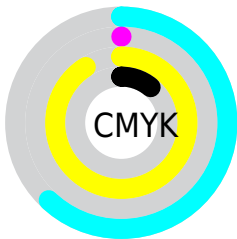
Blue (8%)



Red (8%)

Yellow (89%)

Blue (63%)

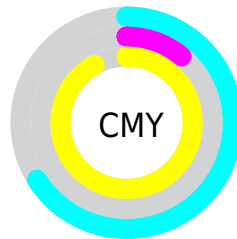


Cyan (62%)

Magenta (0%)

Yellow (91%)

Black (11%)



Cyan (66%)

Magenta (11%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E314 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 56E314 by changing the saturation by 10% instead.

 56E314

 56E314


FFFFFF

 2EC600

 97FF5D

 00AA00

 B6FF7A

 008F00

 D5FF97

 007400

 F5FFB4

 005A00

 FFFFD2

 004100

 FFFFEF

 002800

 000100

 000000

 56E314

 56E314

 48E300

 65E32B

 75E341

 84E358

 94E36F

 A3E386

 B3E39C

 C2E3B3

 D2E3CA

 E1E3E0

Harmonies

Analogous

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



CBCF00



56E314



00ED89

Triad

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



56E314



00E1FF



FF52A4

Complementary

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



56E314



A114E3

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.



FF63FF



56E314



00C6FF

Square

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



56E314



00EEFF



F999FF



FF7D48

Rectangle

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



56E314



00F0CC



F999FF



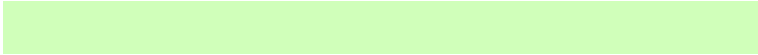
FF4EC4

Sweetspot

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



56E314



D0FFBA



E39E14



648057



000000



808080

Same Dimension

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



56E314



51FF00



14E336



6B7367



39B300



103300

Inverse Universe

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



A114E3



AE00FF



E314C0



6F6773



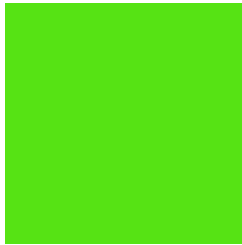
7A00B3



230033

Previews

White Background



This preview shows how the Hex color 56E314 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 56E314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

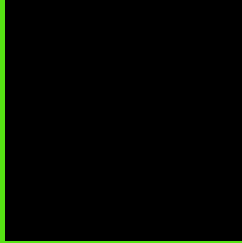
Any Text WCAG AA ✓ Pass

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 56E314 Background



This preview shows how black text looks on a background with the Hex color 56E314.



This preview shows how white text looks on a background with the Hex color 56E314.

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](#).

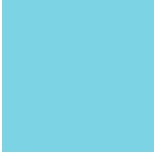
Dichromacy



Original Color
56E314

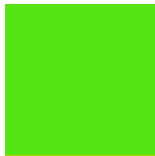
Protanopia
DEC600

Deuteranopia
F8BB33



Tritanopia
7CD3E4

Trichromacy



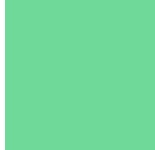
Original Color
56E314



Protanomaly
ADD107



Deuteranomaly
BDCA28



Tritanomaly
6ED998

Monochromacy



Original Color
56E314



Achromatopsia
A1A1A1



Achromatomaly
86B96E

CSS Examples

Text

The CSS property to change the color of the text to Hex 56E314 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 #56E314 looks like.

```
.text, #text, p{  
    color:#56E314  
}
```

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 #56E314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E314
}
```

Border

The CSS property to change the border of an element to Hex 56E314 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
#56E314 }
```

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

```
.border{ border-color:#56E314 }
```

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

Here you see how a box with a 4 pixel #56E314 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E314; -webkit-box-shadow:4px 4px  
4px 4px #56E314; box-shadow:4px 4px 4px  
4px #56E314 }
```

Background

The CSS property to change the background color of an element to Hex 56E314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E314 }
```

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

```
.background{ background-color:#56E314 }
```

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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