

# Converting Colors

Hex(56C914)

Have a look what the booklet for  
Hex(56C914) contains.

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**Color**

**Hex(56C914)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56C914
RGB	86, 201, 20
RGB Percent	34%, 79%, 8%
CMY	0.6627, 0.2118, 0.9216
CMYK	0.57, 0.00, 0.90, 0.21
HSL	98°, 82%, 43%
HSV	98°, 90%, 79%
XYZ	24.8507, 43.8022, 7.8067
YIQ	145.9810, -10.4390, -80.6710

# Conversions

## Conversions Part 2

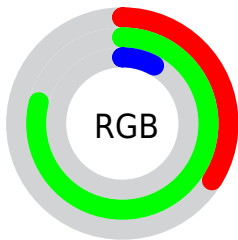
Format	Color
<a href="#">RYB</a>	<a href="#">20, 201, 135</a>
Decimal	<a href="#">5687572</a>
CIELab	<a href="#">72.10, -60.00, 68.80</a>
CIELCh	<a href="#">72, 91.293, 131.092</a>
Yxy	<a href="#">43.8022, 0.3250, 0.5729</a>
Android (android.graphics.Color)	<a href="#">4283877652 (0xFF56C914)</a>
YUV	<a href="#">145.9810, -62.1086, -52.6033</a>
Hunter-Lab	<a href="#">66.1833, -48.7970, 39.3346</a>

# Details

The Hex color **56C914** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **8714C9**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **94FF58**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **49C900**, and if you desaturate by 10%, it is **63C928**.

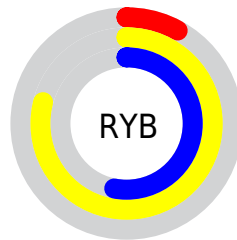
# Distribution



Red (34%)

Green (79%)

Blue (8%)



Red (8%)

Yellow (79%)

Blue (53%)

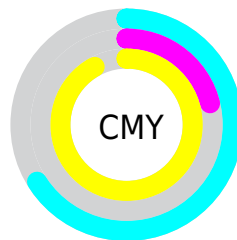


Cyan (57%)

Magenta (0%)

Yellow (90%)

Black (21%)



Cyan (66%)

Magenta (21%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56C914 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 56C914 by changing the saturation by 10% instead.



 56C914

 56C914

FFFFFF

 33AD00

 94FF58

 009200

 B2FF74

 007700

 D0FF91

 005D00

 EEFFAD

 004400

 FFFFC4

 002D00

 FFFF7E

 000E00

 000000

 56C914

 56C914

■ 49C900

■ 63C928

■ 70C93C

■ 7CC950

■ 89C964

■ 96C979

■ A3C98D

■ AFC9A1

■ BCC9B5

■ C9C9C9

# Harmonies

## Analogous

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



B8B700



56C914



00D277

# Triad

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



56C914



00C9FF



FF4D96

# Complementary

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



56C914



8714C9

# 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.



FF5DE9



56C914



00B1FF

# Square

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



56C914



00D3FF



D98AFF



FF7046

# Rectangle

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



56C914



00D5B2



D98AFF



FF4BB1

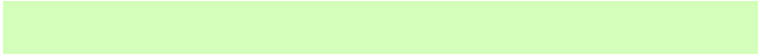


# Sweetspot

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



56C914



D3FFBA



C98714



668057



000000



808080



# Same Dimension

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



56C914



5DFF00



14C92C



5D635A



3CA300



0D2400



# Inverse Universe

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



8714C9



A200FF



C914B1



605A63



6800A3

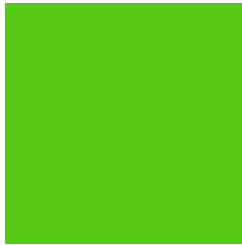


170024



# Previews

## White Background



This preview shows how the Hex color 56C914 looks on a white background.

## Color Contrast Check

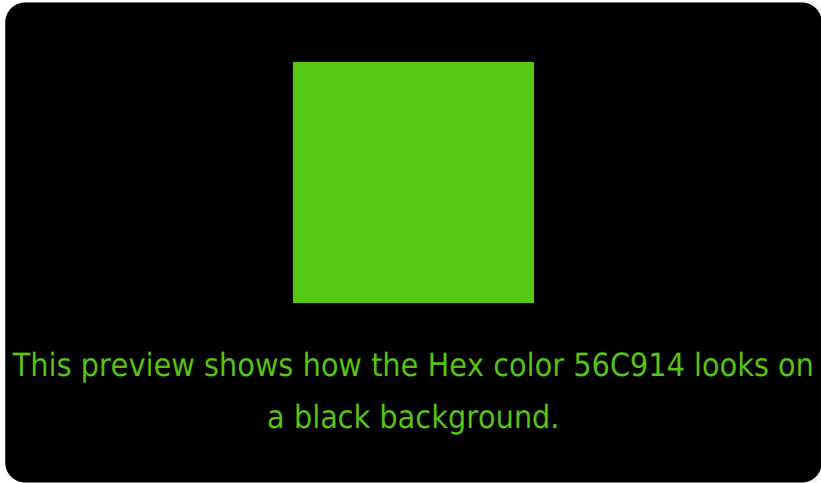
Large Text (above 18pt) WCAG AA × Fail

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

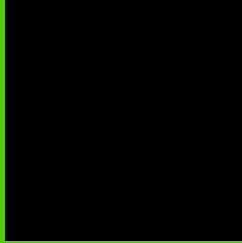
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56C914 Background



This preview shows how black text looks on a background with the Hex color 56C914.

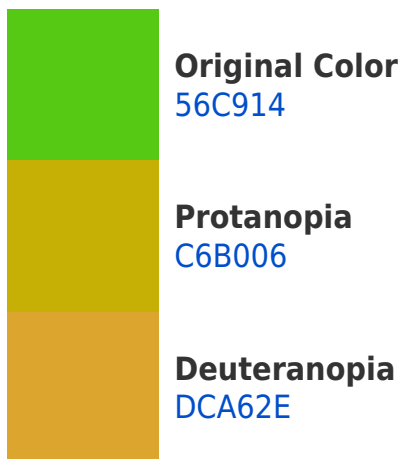


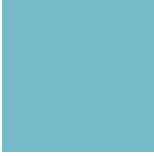
This preview shows how white text looks on a background with the Hex color 56C914.

# 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**  
75BBCA

# Trichromacy



**Original Color**  
56C914



**Protanomaly**  
9DB90B



**Deuteranomaly**  
ABB325



**Tritanomaly**  
6AC088

# Monochromacy



**Original Color**  
56C914



**Achromatopsia**  
929292



**Achromatomaly**  
7CA664

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56C914 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 #56C914 looks like.

```
.text, #text, p{  
    color:#56C914  
}
```

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 #56C914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C914
}
```

## Border

The CSS property to change the border of an element to Hex 56C914 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
#56C914 }
```

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

```
.border{ border-color:#56C914 }
```

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

Here you see how a box with a 4 pixel #56C914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C914; -webkit-box-shadow:4px 4px  
4px 4px #56C914; box-shadow:4px 4px 4px  
4px #56C914 }
```

# Background

The CSS property to change the background color of an element to Hex 56C914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C914 }
```

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

```
.background{ background-color:#56C914 }
```

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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