

Converting Colors

Hex(56BD14)

Have a look what the booklet for
Hex(56BD14) contains.

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Color

Hex(56BD14)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 56BD14 |
| RGB | 86, 189, 20 |
| RGB Percent | 34%, 74%, 8% |
| CMY | 0.6627, 0.2588, 0.9216 |
| CMYK | 0.54, 0.00, 0.89, 0.26 |
| HSL | 97°, 81%, 41% |
| HSV | 97°, 89%, 74% |
| XYZ | 22.1616, 38.4241, 6.9104 |
| YIQ | 138.9370, -7.1390, -74.3950 |

Conversions

Conversions Part 2

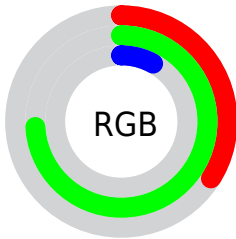
| Format | Color |
|-------------------------------------|--|
| RYB | 20, 189, 123 |
| Decimal | 5684500 |
| CIELab | 68.33, -55.76, 65.62 |
| CIElCh | 68, 86.111, 130.352 |
| Yxy | 38.4241, 0.3283, 0.5693 |
| Android (android.graphics.Color) | 4283874580 (0xFF56BD14) |
| YUV | 138.9370, -58.6359, -46.4257 |
| Hunter-Lab | 61.9872, -44.6604, 36.7813 |

Details

The Hex color **56BD14** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7B14BD**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **92F656**, and **008700** is the 20% darker color. If you saturate the color by 10%, you get **4ABD01**, and if you desaturate by 10%, it is **62BD27**.

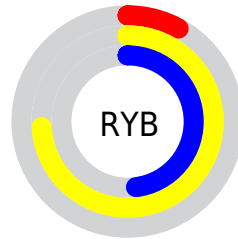
Distribution



Red (34%)

Green (74%)

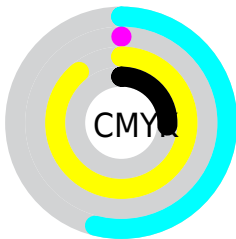
Blue (8%)



Red (8%)

Yellow (74%)

Blue (48%)

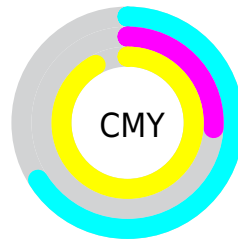


Cyan (54%)

Magenta (0%)

Yellow (89%)

Black (26%)



Cyan (66%)

Magenta (26%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BD14 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 56BD14 by changing the saturation by 10% instead.

 56BD14

 56BD14

FFFFFF

 35A100

 92F656

 008700

 AFFF72

 006C00

 CDFF8E

 005300

 EBFFAA

 003B00

 FFFFC7

 002400

 FFFFE4

 000000

 56BD14

 56BD14

 4ABD01

 62BD27

 4ABD00

 6DBD3A

 79BD4D

 84BD60

 90BD72

 9BBD85

 A7BD98

 B2BDAB

 BEBDBE

Harmonies

Analogous

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



B0AC00



56BD14



00C66F

Triad

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



56BD14



00BDFE



FF4B8F

Complementary

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



56BD14



7B14BD

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.



FF5ADD



56BD14



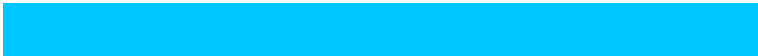
00A7FF

Square

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



56BD14



00C7FF



CA84FF



FF6945

Rectangle

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



56BD14



00C9A5



CA84FF



FF4AA9

Sweetspot

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



56BD14



CDF5B3



BD7914



637A53



FAFAFA



7A7A7A

Same Dimension

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



56BD14



60F500



14BD25



595E55



3E9E00



0C1F00

Inverse Universe

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



7B14BD



9500F5



BD14AC



5B555E



60009E



13001F

Previews

White Background



This preview shows how the Hex color 56BD14 looks on a white background.

Color Contrast Check

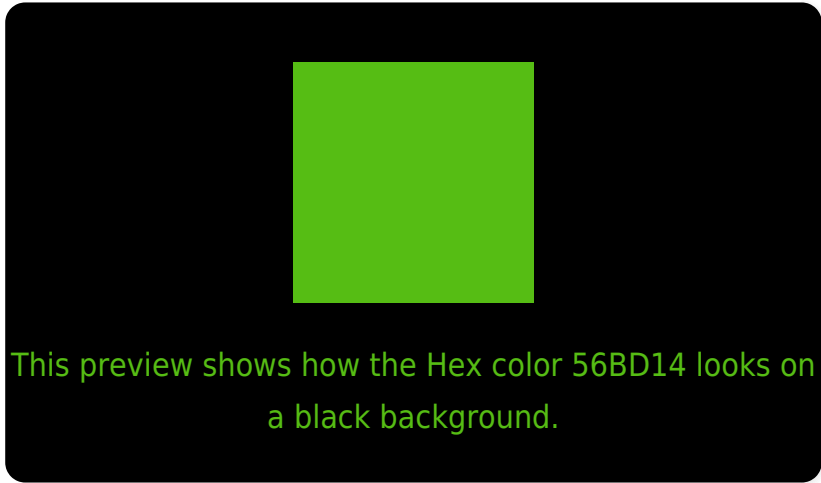
Large Text (above 18pt) WCAG AA × Fail

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 56BD14 Background



This preview shows how black text looks on a background with the Hex color 56BD14.



This preview shows how white text looks on a background with the Hex color 56BD14.

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](#).

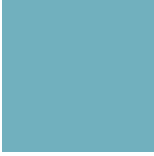
Dichromacy



Original Color
56BD14

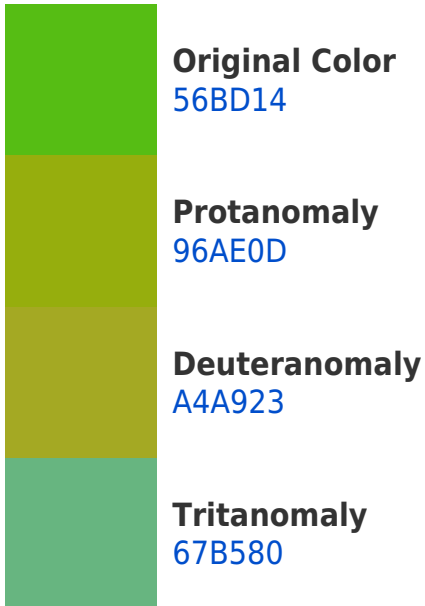
Protanopia
BBA609

Deuteranopia
D09D2B



Tritanopia
71B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BD14 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 #56BD14 looks like.

```
.text, #text, p{  
    color:#56BD14  
}
```

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 #56BD14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BD14
}
```

Border

The CSS property to change the border of an element to Hex 56BD14 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
#56BD14 }
```

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

```
.border{ border-color:#56BD14 }
```

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

Here you see how a box with a 4 pixel #56BD14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BD14; -webkit-box-shadow:4px 4px  
4px 4px #56BD14; box-shadow:4px 4px 4px  
4px #56BD14 }
```

Background

The CSS property to change the background color of an element to Hex 56BD14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BD14 }
```

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

```
.background{ background-color:#56BD14 }
```

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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