

Converting Colors

Hex(56C639)

Have a look what the booklet for
Hex(56C639) contains.

Hex(56C639)	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>	29

Color

Hex(56C639)

Conversions

Conversions Part 1

Format	Color
Hex	56C639
RGB	86, 198, 57
RGB Percent	34%, 78%, 22%
CMY	0.6627, 0.2235, 0.7765
CMYK	0.57, 0.00, 0.71, 0.22
HSL	108°, 55%, 50%
HSV	108°, 71%, 78%
XYZ	24.7704, 42.6620, 10.8000
YIQ	148.4380, -21.4910, -67.5950

Conversions

Conversions Part 2

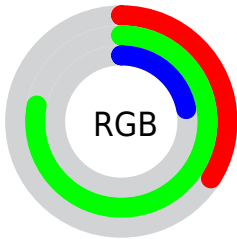
Format	Color
RYB	57, 198, 169
Decimal	5686841
CIELab	71.32, -57.03, 57.98
CIELCh	71, 81.324, 134.524
Yxy	42.6620, 0.3166, 0.5453
Android (android.graphics.Color)	4283876921 (0xFF56C639)
YUV	148.4380, -45.0789, -54.7581
Hunter-Lab	65.3162, -46.6093, 35.9178

Details

The Hex color **56C639** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **A939C6**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **92FF70**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **46C625**, and if you desaturate by 10%, it is **66C64D**.

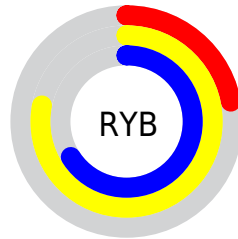
Distribution



Red (34%)

Green (78%)

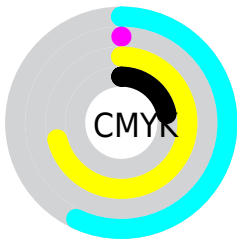
Blue (22%)



Red (22%)

Yellow (78%)

Blue (66%)

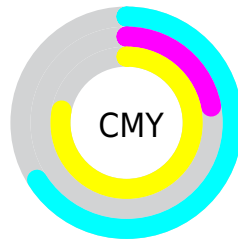


Cyan (57%)

Magenta (0%)

Yellow (71%)

Black (22%)



Cyan (66%)

Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C639 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 56C639 by changing the saturation by 10% instead.

 56C639

 56C639

FFFFFF

 35AA1A

 92FF70

 008F00

 AFFF8B

 007400

 CDFFA7

 005B00

 EBFFC3

 004200

 FFFFEO

 002B00

FFFFFFE

 000900

 000000

 56C639

 56C639

 46C625

 66C64D

 37C611

 75C661

 29C600

 85C674

 95C688

 A5C69C

 B4C6B0

 C4C6C4

 D4C6D7

 E4C6EB

Harmonies

Analogous

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



AFB600



56C639



00CE84

Triad

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



56C639



00C2FF



FF608E

Complementary

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



56C639



A939C6

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.



FF67D8



56C639



48ABFF

Square

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



56C639



00CFFF



DF89FF



FF7C48

Rectangle

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



56C639



00D0B8



DF89FF



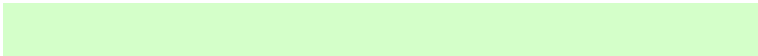
FF5EA7

Sweetspot

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



56C639



D4FFC9



C6A739



668060



000000



808080

Same Dimension

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



56C639



53FF26



39C661



5C635A



22A300



072400

Inverse Universe

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



A939C6



D226FF



C6399E



615A63



8200A3



1C0024

Previews

White Background



This preview shows how the Hex color 56C639 looks on a white background.

Color Contrast Check

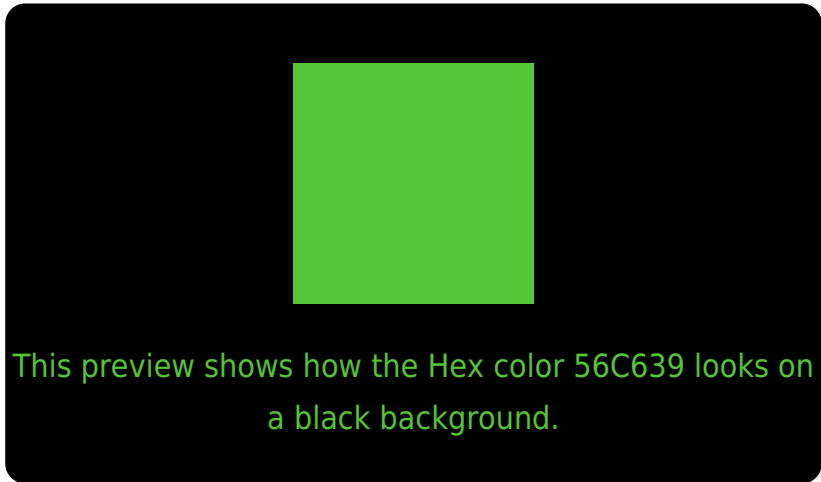
Large Text (above 18pt) WCAG AA × Fail

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 56C639 Background



This preview shows how black text looks on a background with the Hex color 56C639.

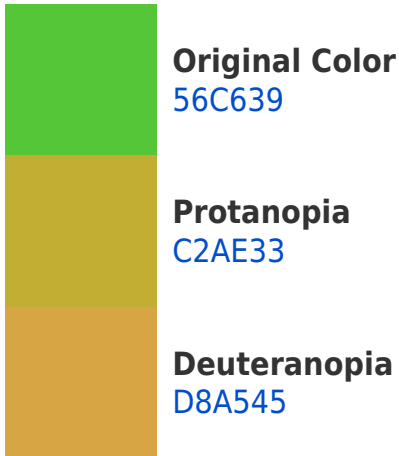


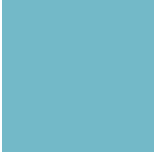
This preview shows how white text looks on a background with the Hex color 56C639.

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
73B9C8

Trichromacy



Original Color
56C639



Protanomaly
9BB735



Deuteranomaly
A9B141



Tritanomaly
68BE94

Monochromacy



Original Color
56C639



Achromatopsia
949494



Achromatomaly
7DA673

CSS Examples

Text

The CSS property to change the color of the text to Hex 56C639 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 #56C639 looks like.

```
.text, #text, p{  
    color:#56C639  
}
```

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 #56C639 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C639
}
```

Border

The CSS property to change the border of an element to Hex 56C639 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
#56C639 }
```

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

```
.border{ border-color:#56C639 }
```

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

Here you see how a box with a 4 pixel #56C639 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C639; -webkit-box-shadow:4px 4px  
4px 4px #56C639; box-shadow:4px 4px 4px  
4px #56C639 }
```

Background

The CSS property to change the background color of an element to Hex 56C639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C639 }
```

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

```
.background{ background-color:#56C639 }
```

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