

Converting Colors

Hex(56B936)

Have a look what the booklet for
Hex(56B936) contains.

Hex(56B936)	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(56B936)

Conversions

Conversions Part 1

Format	Color
Hex	56B936
RGB	86, 185, 54
RGB Percent	34%, 73%, 21%
CMY	0.6627, 0.2745, 0.7882
CMYK	0.54, 0.00, 0.71, 0.27
HSL	105°, 55%, 47%
HSV	105°, 71%, 73%
XYZ	21.8526, 36.9427, 9.4689
YIQ	140.4650, -16.9530, -61.7290

Conversions

Conversions Part 2

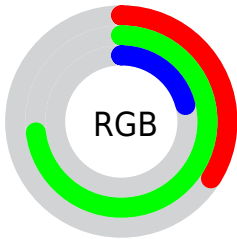
Format	Color
RYB	54, 185, 153
Decimal	5683510
CIELab	67.23, -52.46, 54.90
CIELCh	67, 75.933, 133.699
Yxy	36.9427, 0.3201, 0.5412
Android (android.graphics.Color)	4283873590 (0xFF56B936)
YUV	140.4650, -42.6272, -47.7658
Hunter-Lab	60.7805, -42.1893, 33.3096

Details

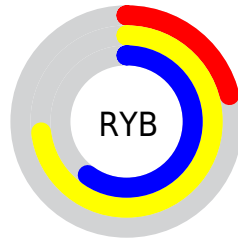
The Hex color **56B936** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9936B9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **90F26C**, and **0A8300** is the 20% darker color. If you saturate the color by 10%, you get **48B924**, and if you desaturate by 10%, it is **64B949**.

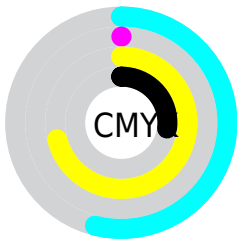
Distribution



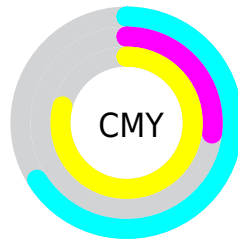
- Red (34%)
- Green (73%)
- Blue (21%)



- Red (21%)
- Yellow (73%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (71%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B936 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 56B936 by changing the saturation by 10% instead.

 56B936

 56B936

FFFFFF

 379E17


 90F26C

 0A8300

 ADFF87

 006900

 CBFFA3

 005000

 E8FFBF

 003800

 FFFFDB

 002100

 FFFFF9

 000000

 56B936

 56B936

 48B924

 64B949

 3AB911

 72B95B

 2DB900

 80B96E

 8EB980

 9CB993

 AAB9A5

 B8B9B8

 C6B9CA

 D4B9DD

Harmonies

Analogous

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



A7AA00



56B936



00C17B

Triad

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



56B936



00B6FF



FF5C87

Complementary

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



56B936



9936B9

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.



FF63CC



56B936



42A1FF

Square

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



56B936



00C0FF



CE82FF



FF7447

Rectangle

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



56B936



00C3AA



CE82FF



FF5B9E

Sweetspot

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



56B936



CAF0BD



B99836



61785A



F7F7F7



787878

Same Dimension

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



56B936



56F024



36B957



555C53



269C00



071C00

Inverse Universe

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



9936B9



BE24F0



B93698



5A535C



76009C



15001C

Previews

White Background



This preview shows how the Hex color 56B936 looks on a white background.

Color Contrast Check

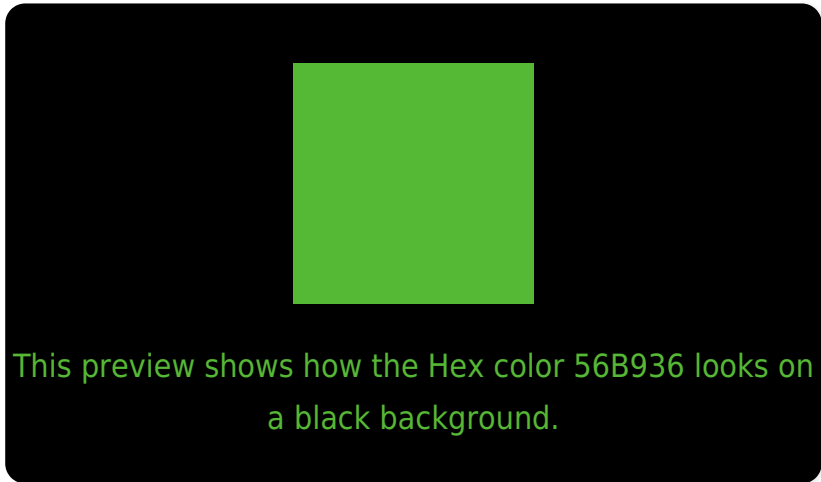
Large Text (above 18pt) WCAG AA × Fail

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 56B936 Background



This preview shows how black text looks on a background with the Hex color 56B936.

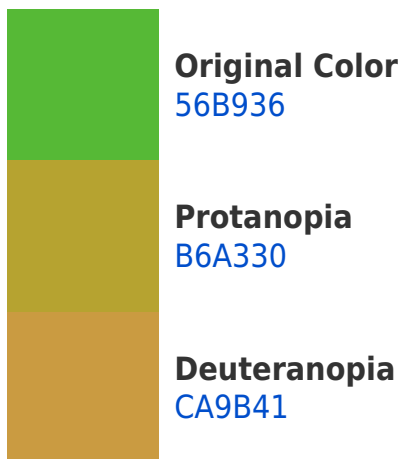


This preview shows how white text looks on a background with the Hex color 56B936.

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



Trichromacy



Original Color
56B936



Protanomaly
93AB32



Deuteranomaly
A0A63D



Tritanomaly
66B18B

Monochromacy



Original Color
56B936



Achromatopsia
8C8C8C



Achromatomaly
789C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B936 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 #56B936 looks like.

```
.text, #text, p{  
    color:#56B936  
}
```

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 #56B936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B936
}
```

Border

The CSS property to change the border of an element to Hex 56B936 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
#56B936 }
```

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

```
.border{ border-color:#56B936 }
```

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

Here you see how a box with a 4 pixel #56B936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B936; -webkit-box-shadow:4px 4px  
4px 4px #56B936; box-shadow:4px 4px 4px  
4px #56B936 }
```

Background

The CSS property to change the background color of an element to Hex 56B936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B936 }
```

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

```
.background{ background-color:#56B936 }
```

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