

Converting Colors

Hex(56B834)

Have a look what the booklet for
Hex(56B834) contains.

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Color

Hex(56B834)

Conversions

Conversions Part 1

Format	Color
Hex	56B834
RGB	86, 184, 52
RGB Percent	34%, 72%, 20%
CMY	0.6627, 0.2784, 0.7961
CMYK	0.53, 0.00, 0.72, 0.28
HSL	105°, 56%, 46%
HSV	105°, 72%, 72%
XYZ	21.5981, 36.5073, 9.1571
YIQ	139.6500, -16.0360, -61.8280

Conversions

Conversions Part 2

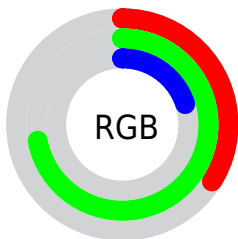
Format	Color
RYB	52, 184, 150
Decimal	5683252
CIELab	66.91, -52.24, 55.32
CIELCh	67, 76.083, 133.361
Yxy	36.5073, 0.3211, 0.5428
Android (android.graphics.Color)	4283873332 (0xFF56B834)
YUV	139.6500, -43.2114, -47.0510
Hunter-Lab	60.4213, -41.9311, 33.3093

Details

The Hex color **56B834** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9634B8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **90F16A**, and **0A8200** is the 20% darker color. If you saturate the color by 10%, you get **48B822**, and if you desaturate by 10%, it is **64B846**.

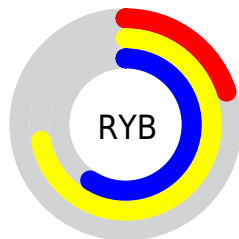
Distribution



Red (34%)

Green (72%)

Blue (20%)



Red (20%)

Yellow (72%)

Blue (59%)

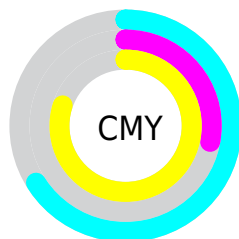


Cyan (53%)

Magenta (0%)

Yellow (72%)

Black (28%)



Cyan (66%)

Magenta (28%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56B834 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 56B834 by changing the saturation by 10% instead.



56B834



56B834

FFFFFF



379D14



90F16A



0A8200



ADFF85



006800



CBFFA1



004F00



E8FFBD



003700



FFFFDA



002000



FFFFF7



000000



56B834



56B834



48B822



64B846

 3BB80F

 71B859

 2FB800

 7FB86B

 8DB87E

 9AB890

 A8B8A2

 B6B8B5

 C3B8C7

 D1B8DA

Harmonies

Analogous

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



A6A900



56B834



00C079

Triad

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



56B834



00B5FF



FF5B87

Complementary

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



56B834



9634B8

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.



FF62CC



56B834



3BA1FF

Square

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



56B834



00BFFF



CC82FF



FF7347

Rectangle

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



56B834



00C2A9



CC82FF



FF599E

Sweetspot

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



56B834



C9F0BB



B89534



617859



F7F7F7



787878

Same Dimension

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



56B834



57F022



34B853



555C53



289C00



071C00

Inverse Universe

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



9634B8



BB22F0



B83499



59535C



73009C



15001C

Previews

White Background



This preview shows how the Hex color 56B834 looks on a white background.

Color Contrast Check

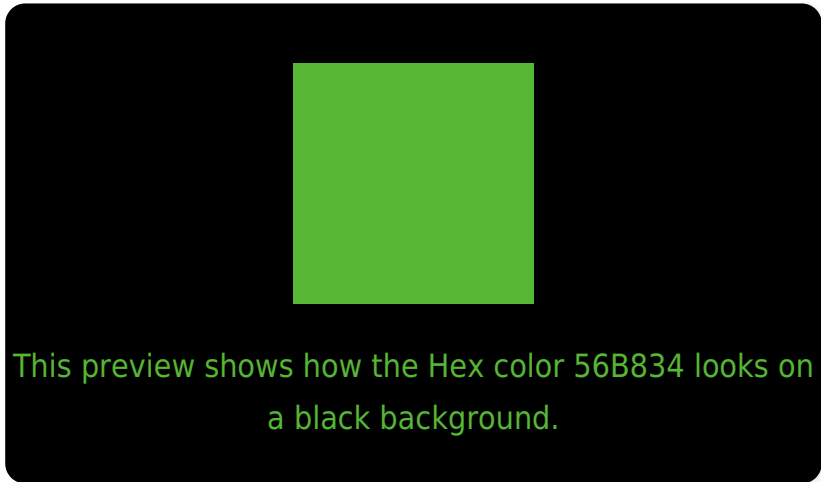
Large Text (above 18pt) WCAG AA × Fail

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

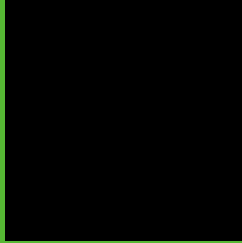
Any Text WCAG AA ✓ Pass

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 56B834 Background



This preview shows how black text looks on a background with the Hex color 56B834.

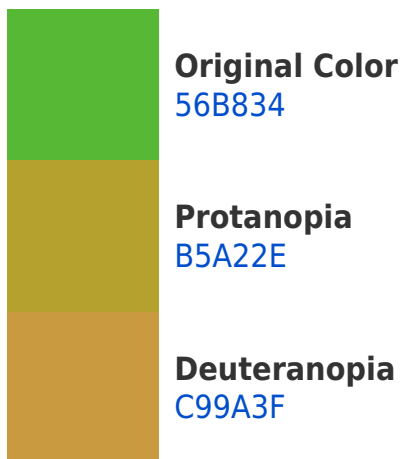


This preview shows how white text looks on a background with the Hex color 56B834.

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
56B834



Protanomaly
92AA30



Deuteranomaly
9FA53B



Tritanomaly
66B089

Monochromacy



Original Color
56B834



Achromatopsia
8C8C8C



Achromatomaly
789C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 56B834 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 #56B834 looks like.

```
.text, #text, p{  
    color:#56B834  
}
```

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 #56B834 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B834
}
```

Border

The CSS property to change the border of an element to Hex 56B834 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
#56B834 }
```

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

```
.border{ border-color:#56B834 }
```

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

Here you see how a box with a 4 pixel #56B834 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B834; -webkit-box-shadow:4px 4px  
4px 4px #56B834; box-shadow:4px 4px 4px  
4px #56B834 }
```

Background

The CSS property to change the background color of an element to Hex 56B834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B834 }
```

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

```
.background{ background-color:#56B834 }
```

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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