

# Converting Colors

Hex(56B048)

Have a look what the booklet for  
Hex(56B048) contains.

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**Color**

**Hex(56B048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56B048
RGB	86, 176, 72
RGB Percent	34%, 69%, 28%
CMY	0.6627, 0.3098, 0.7176
CMYK	0.51, 0.00, 0.59, 0.31
HSL	112°, 42%, 49%
HSV	112°, 59%, 69%
XYZ	20.5328, 33.4970, 11.5143
YIQ	137.2340, -20.2560, -51.4240

# Conversions

## Conversions Part 2

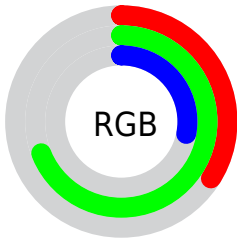
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 176, 162
Decimal	5681224
CIELab	64.56, -47.23, 44.32
CIELCh	65, 64.772, 136.822
Yxy	33.4970, 0.3133, 0.5111
Android (android.graphics.Color)	4283871304 (0xFF56B048)
YUV	137.2340, -32.1604, -44.9322
Hunter-Lab	57.8766, -37.9578, 28.7181

# Details

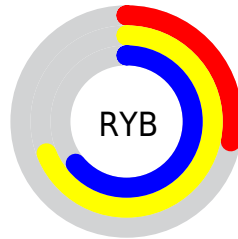
The Hex color **56B048** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A248B0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8EE87C**, and **157A13** is the 20% darker color. If you saturate the color by 10%, you get **47B036**, and if you desaturate by 10%, it is **65B05A**.

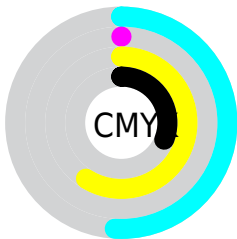
# Distribution



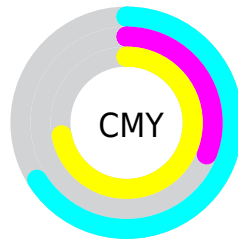
- Red (34%)
- Green (69%)
- Blue (28%)



- Red (28%)
- Yellow (69%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (59%)
- Black (31%)



- Cyan (66%)
- Magenta (31%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56B048 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 56B048 by changing the saturation by 10% instead.



 56B048

 56B048

FFFFFF

 39952E

 8EE87C

 157A13

 ABFF97

 006100

 C8FFB2

 004800

 E5FFCE

 003100

 FFFFEB

 001900

 000000

 56B048

 56B048

 47B036

 65B05A

 38B025

 74B06B

 28B013

 84B07D

 19B002

 93B08E

 18B000

 A2B0A0

 B1B0B2

 C1B0C3

 D0B0D5

 DFB0E6

# Harmonies

## Analogous

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



9BA41D



56B048



00B680

# Triad

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



56B048



00A AFF



FF667E

# Complementary

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



56B048



A248B0

# 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.



F869B9



56B048



6A98FF

# Square

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



56B048



00B5F0



C87FEC



F5794A

# Rectangle

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



56B048



00B8A9



C87FEC



FF6492



# Sweetspot

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



56B048



C2E6BC



B0A048



5D735A



F2F2F2



737373



# Same Dimension

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



56B048



58E643



48B06C



525950



159900



031A00



# Inverse Universe

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



A248B0



D043E6



B0488C



585059



840099



16001A



# Previews

## White Background



This preview shows how the Hex color 56B048 looks on a white background.

## Color Contrast Check

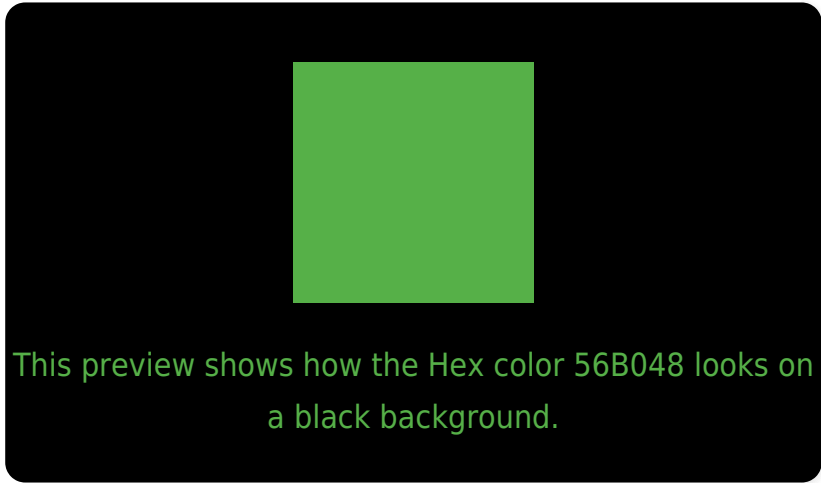
Large Text (above 18pt) WCAG AA × Fail

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

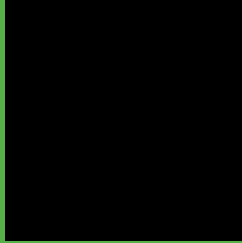
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 56B048 Background



This preview shows how black text looks on a background with the Hex color 56B048.

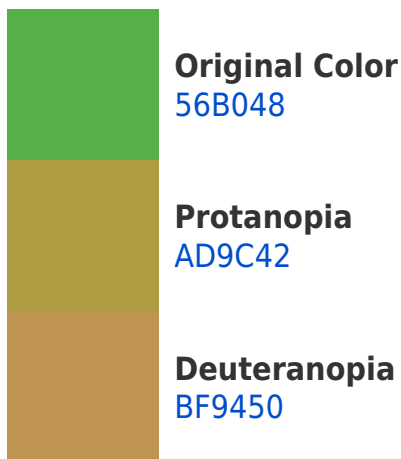


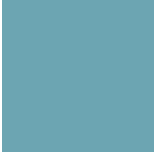
This preview shows how white text looks on a background with the Hex color 56B048.

# 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](#).

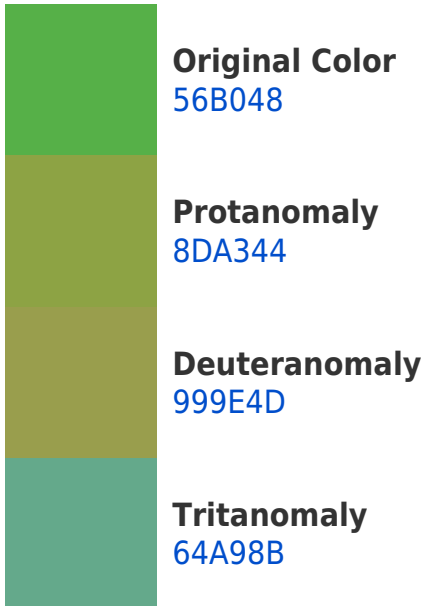
## Dichromacy





**Tritanopia**  
6CA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56B048 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 #56B048 looks like.

```
.text, #text, p{  
    color:#56B048  
}
```

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 #56B048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56B048
}
```

## Border

The CSS property to change the border of an element to Hex 56B048 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
#56B048 }
```

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

```
.border{ border-color:#56B048 }
```

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

Here you see how a box with a 4 pixel #56B048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56B048; -webkit-box-shadow:4px 4px  
4px 4px #56B048; box-shadow:4px 4px 4px  
4px #56B048 }
```

# Background

The CSS property to change the background color of an element to Hex 56B048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56B048 }
```

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

```
.background{ background-color:#56B048 }
```

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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