

# Converting Colors

Hex(5CB46A)

Have a look what the booklet for  
Hex(5CB46A) contains.

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**Color**

**Hex(5CB46A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB46A
RGB	92, 180, 106
RGB Percent	36%, 71%, 42%
CMY	0.6392, 0.2941, 0.5843
CMYK	0.49, 0.00, 0.41, 0.29
HSL	130°, 37%, 53%
HSV	130°, 49%, 71%
XYZ	23.3364, 35.9584, 19.3464
YIQ	145.2520, -28.6940, -41.6700

# Conversions

## Conversions Part 2

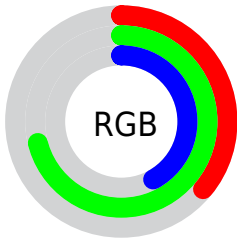
Format	Color
<a href="#">RYB</a>	<a href="#">92, 168, 180</a>
Decimal	<a href="#">6075498</a>
CIELab	<a href="#">66.49, -42.46, 29.78</a>
CIELCh	<a href="#">66, 51.867, 144.954</a>
Yxy	<a href="#">35.9584, 0.2967, 0.4572</a>
Android (android.graphics.Color)	<a href="#">4284265578 (0xFF5CB46A)</a>
YUV	<a href="#">145.2520, -19.3512, -46.7020</a>
Hunter-Lab	<a href="#">59.9654, -35.4734, 22.8472</a>

# Details

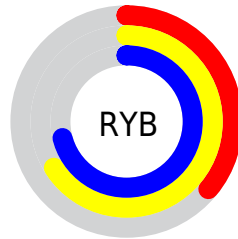
The Hex color **5CB46A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B45CA6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **93EC9E**, and **217E39** is the 20% darker color. If you saturate the color by 10%, you get **4AB45B**, and if you desaturate by 10%, it is **6EB479**.

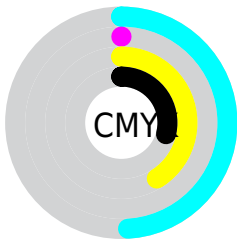
# Distribution



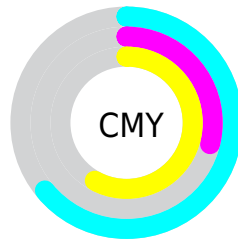
- Red (36%)
- Green (71%)
- Blue (42%)



- Red (36%)
- Yellow (66%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB46A 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 5CB46A by changing the saturation by 10% instead.



 5CB46A

 5CB46A

FFFFFF

 409951

 93EC9E

 217E39

 B0FFB9

 006522

 CCFFD5

 004C0A

 E9FFF2

 003400

 001F00

 000000

 5CB46A

 5CB46A

 4AB45B

 6EB479

 38B44C

 80B488

 26B43D

 92B497

 14B42D

 A4B4A7

 02B41E

 B6B4B6

 00B41D

 C8B4C5

 DAB4D4

 ECB4E3

 FEB4F2

# Harmonies

## Analogous

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



96AB49



5CB46A



00B998

# Triad

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



5CB46A



25A9FE



F87D7D

# Complementary

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



5CB46A



B45CA6

# 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.



F37AAC



5CB46A



9899F6

# Square

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



5CB46A



00B4ED



D486D8



E68B56

# Rectangle

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



5CB46A



00B9B8



D486D8



F97A8C



# Sweetspot

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



5CB46A



C7EBCD



A7B45C



607564



F5F5F5



757575



# Same Dimension

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



5CB46A



60EB76



5CB495



505952



009918



001A04



# Inverse Universe

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



B45CA6



EB60D5



B45C7B



595058



990081



1A0015



# Previews

## White Background



This preview shows how the Hex color 5CB46A looks on a white background.

## Color Contrast Check

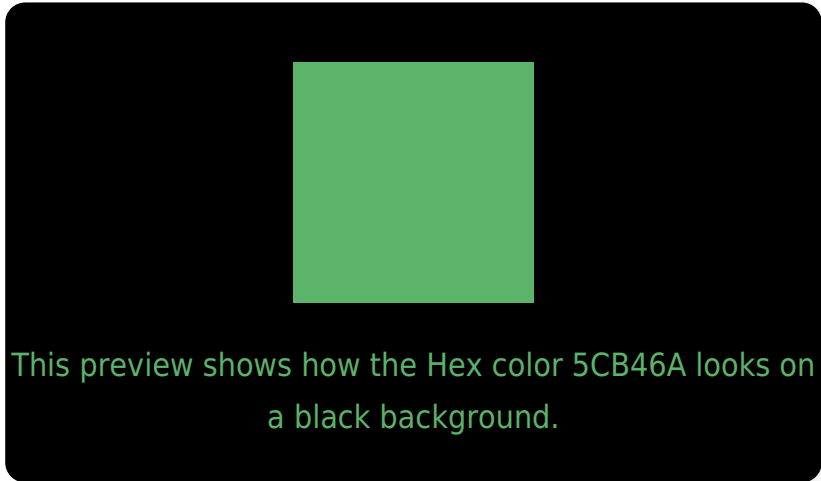
Large Text (above 18pt) WCAG AA × Fail

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 5CB46A Background



This preview shows how black text looks on a background with the Hex color 5CB46A.



This preview shows how white text looks on a background with the Hex color 5CB46A.

# 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**  
5CB46A

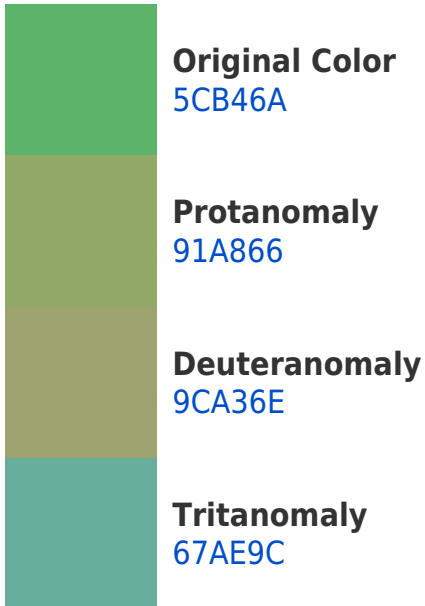
**Protanopia**  
AFA163

**Deuteranopia**  
C09A70

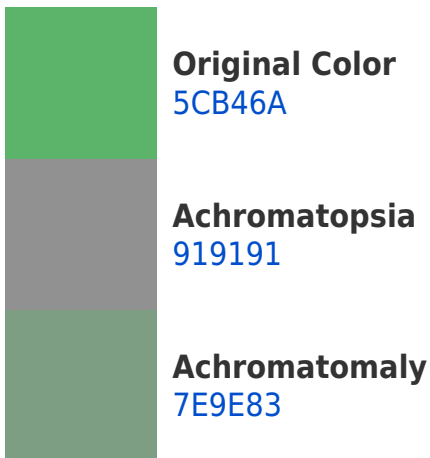


**Tritanopia**  
6EABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB46A 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 #5CB46A looks like.

```
.text, #text, p{  
    color:#5CB46A  
}
```

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 #5CB46A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB46A
}
```

## Border

The CSS property to change the border of an element to Hex 5CB46A 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
#5CB46A }
```

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

```
.border{ border-color:#5CB46A }
```

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

Here you see how a box with a 4 pixel #5CB46A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB46A; -webkit-box-shadow:4px 4px  
4px 4px #5CB46A; box-shadow:4px 4px 4px  
4px #5CB46A }
```

# Background

The CSS property to change the background color of an element to Hex 5CB46A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB46A }
```

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

```
.background{ background-color:#5CB46A }
```

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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