

# Converting Colors

Hex(5AB13C)

Have a look what the booklet for  
Hex(5AB13C) contains.

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# **Color**

**Hex(5AB13C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AB13C
RGB	90, 177, 60
RGB Percent	35%, 69%, 24%
CMY	0.6471, 0.3059, 0.7647
CMYK	0.49, 0.00, 0.66, 0.31
HSL	105°, 49%, 46%
HSV	105°, 66%, 69%
XYZ	20.7542, 33.9442, 9.7330
YIQ	137.6490, -14.2950, -54.8310

# Conversions

## Conversions Part 2

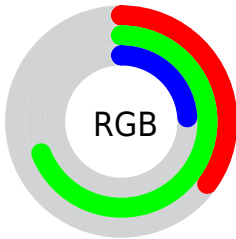
Format	Color
<a href="#">RYB</a>	<a href="#">60, 177, 147</a>
Decimal	<a href="#">5943612</a>
CIELab	<a href="#">64.92, -47.70, 50.09</a>
CIELCh	<a href="#">65, 69.167, 133.599</a>
Yxy	<a href="#">33.9442, 0.3221, 0.5268</a>
Android (android.graphics.Color)	<a href="#">4284133692</a> ( <a href="#">0xFF5AB13C</a> )
YUV	<a href="#">137.6490, -38.2810, -41.7882</a>
Hunter-Lab	<a href="#">58.2616, -38.3719, 30.8784</a>

# Details

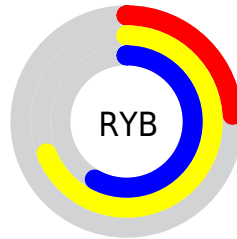
The Hex color **5AB13C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **933CB1**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **93E971**, and **1A7B00** is the 20% darker color. If you saturate the color by 10%, you get **4DB12A**, and if you desaturate by 10%, it is **67B14E**.

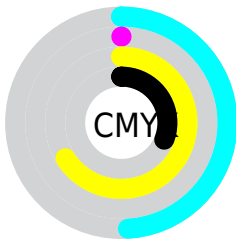
# Distribution



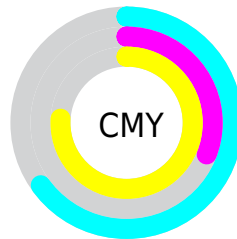
- Red (35%)
- Green (69%)
- Blue (24%)



- Red (24%)
- Yellow (69%)
- Blue (58%)



- Cyan (49%)
- Magenta (0%)
- Yellow (66%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5AB13C 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 5AB13C by changing the saturation by 10% instead.



 5AB13C

 5AB13C

FFFFFF

 3D9620

 93E971

 1A7B00

 AFFF8B

 006200

 CCFFA7

 004900

 EAFFC3

 003200

 FFFFDF

 001A00

FFFFFFD

 000000

 5AB13C

 5AB13C

 4DB12A

 67B14E

 40B119

 74B15F

 33B107

 81B171

 2DB100

 8FB183

 9CB194

 A9B1A6

 B6B1B8

 C3B1CA

 D0B1DB

# Harmonies

## Analogous

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



A1A302



5AB13C



00B878

# Triad

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



5AB13C



00AEFF



FF6084

# Complementary

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



5AB13C



933CB1

# 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.



FB66C2



5AB13C



4F9BFF

# Square

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



5AB13C



00B8F2



C480F8



FE744A

# Rectangle

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



5AB13C



00BAA3



C480F8



FF5F99



# Sweetspot

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



5AB13C



C3E6B8



B1923C



5E7357



F2F2F2



737373



# Same Dimension

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



5AB13C



5FE630



3CB157



535950



279900



071A00



# Inverse Universe

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



933CB1



B730E6



B13C96



575059



720099



13001A



# Previews

## White Background



This preview shows how the Hex color 5AB13C looks on a white background.

## Color Contrast Check

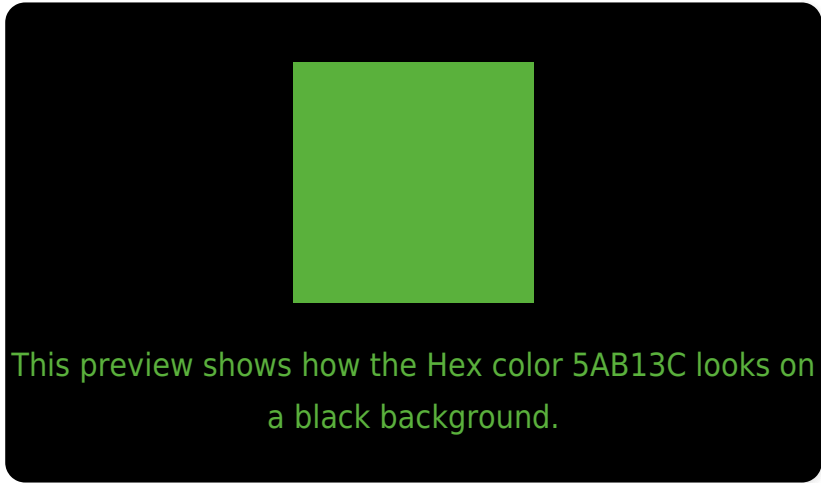
Large Text (above 18pt) WCAG AA × Fail

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 5AB13C Background



This preview shows how black text looks on a background with the Hex color 5AB13C.

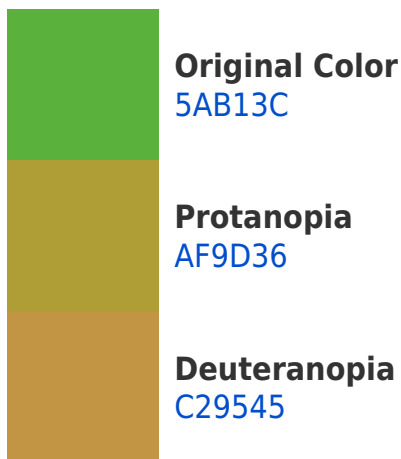


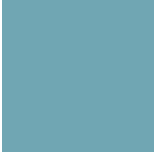
This preview shows how white text looks on a background with the Hex color 5AB13C.

# 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](#).

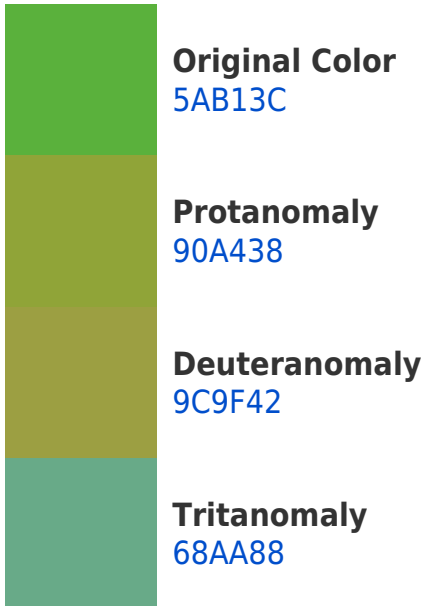
## Dichromacy





**Tritanopia**  
70A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5AB13C 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 #5AB13C looks like.

```
.text, #text, p{  
    color:#5AB13C  
}
```

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 #5AB13C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AB13C
}
```

## Border

The CSS property to change the border of an element to Hex 5AB13C 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
#5AB13C }
```

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

```
.border{ border-color:#5AB13C }
```

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

Here you see how a box with a 4 pixel #5AB13C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AB13C; -webkit-box-shadow:4px 4px  
4px 4px #5AB13C; box-shadow:4px 4px 4px  
4px #5AB13C }
```

# Background

The CSS property to change the background color of an element to Hex 5AB13C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AB13C }
```

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

```
.background{ background-color:#5AB13C }
```

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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