

# Converting Colors

Hex(5ABD5C)

Have a look what the booklet for  
Hex(5ABD5C) contains.

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# **Color**

**Hex(5ABD5C)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5ABD5C                       |
| RGB         | 90, 189, 92                  |
| RGB Percent | 35%, 74%, 36%                |
| CMY         | 0.6471, 0.2588, 0.6392       |
| CMYK        | 0.52, 0.00, 0.51, 0.26       |
| HSL         | 121°, 43%, 55%               |
| HSV         | 121°, 52%, 74%               |
| XYZ         | 24.3458, 39.3416, 16.4357    |
| YIQ         | 148.3410, -27.8670, -51.1550 |

# Conversions

## Conversions Part 2

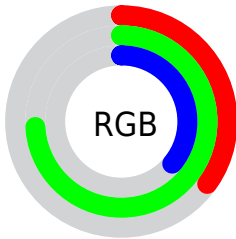
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">90, 187, 189</a>                     |
| Decimal                             | <a href="#">5946716</a>                          |
| CIELab                              | <a href="#">69.00, -48.83, 40.06</a>             |
| CIElCh                              | <a href="#">69, 63.159, 140.636</a>              |
| Yxy                                 | <a href="#">39.3416, 0.3039,<br/>0.4910</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284136796<br/>(0xFF5ABD5C)</a>      |
| YUV                                 | <a href="#">148.3410, -27.7761,<br/>-51.1651</a> |
| Hunter-Lab                          | <a href="#">62.7228, -40.4804,<br/>28.3698</a>   |

# Details

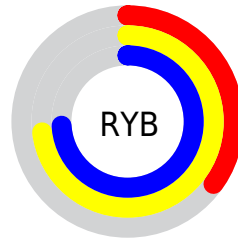
The Hex color **5ABD5C** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BD5ABB**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **93F690**, and **18872A** is the 20% darker color. If you saturate the color by 10%, you get **47BD49**, and if you desaturate by 10%, it is **6DBD6F**.

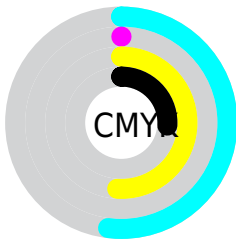
# Distribution



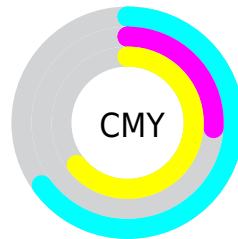
- Red (35%)
- Green (74%)
- Blue (36%)



- Red (35%)
- Yellow (73%)
- Blue (74%)



- Cyan (52%)
- Magenta (0%)
- Yellow (51%)
- Black (26%)



- Cyan (65%)
- Magenta (26%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ABD5C 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 5ABD5C by changing the saturation by 10% instead.



 5ABD5C

 5ABD5C

FFFFFF

 3CA143

 93F690

 18872A

 B0FFAB

 006D0F

 CDFFC7

 005300

 EAFFE3

 003B00

 002500

 000000

 5ABD5C

 5ABD5C

 47BD49

 6DBD6F

 34BD37

 80BD81

 21BD24

 93BD94

 0EBD12

 A6BDA6

 00BD04

 B9BDB9

 CBBDCB

 DEBDDE

 F1BDF0

 FFBDFE

# Harmonies

## Analogous

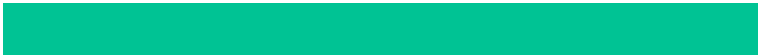
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0B133



5ABD5C



00C394

# Triad

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



5ABD5C



00B4FF



FF7683

# Complementary

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



5ABD5C



BD5ABB

# 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.



FF75BD



5ABD5C



89A1FF

# Square

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



5ABD5C



00C0FF



DC88F2



FD8951

# Rectangle

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



5ABD5C



00C4BC



DC88F2



FF7396

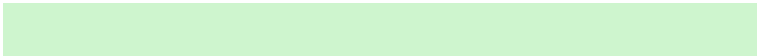


# Sweetspot

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



5ABD5C



CEF5CE



BBBD5A



637A64



FAFAFA



7A7A7A



# Same Dimension

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



5ABD5C



5BF55E



5ABD8D



555E55



009E03



001F01



# Inverse Universe

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



BD5ABB



F55BF2



BD5A8A



5E555E



9E009B



1F001E



# Previews

## White Background



This preview shows how the Hex color 5ABD5C looks on a white background.

## Color Contrast Check

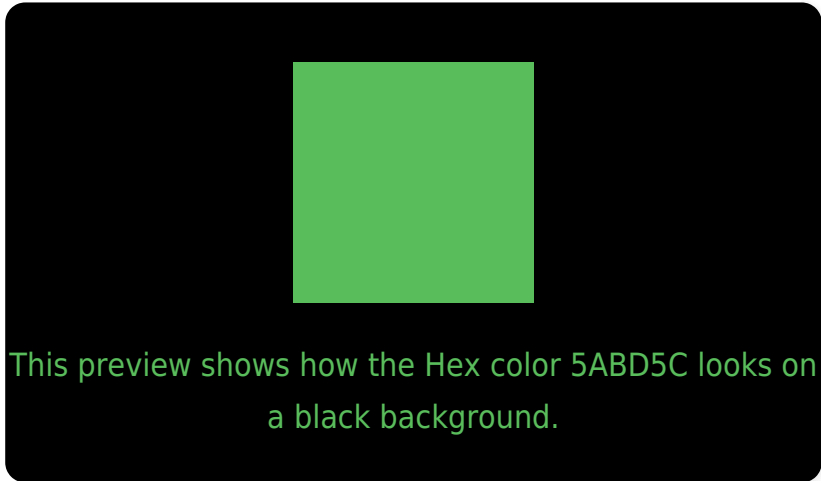
Large Text (above 18pt) WCAG AA × Fail

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

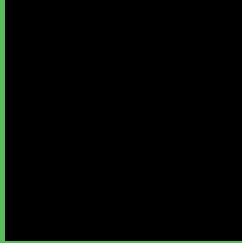
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5ABD5C Background



This preview shows how black text looks on a background with the Hex color 5ABD5C.

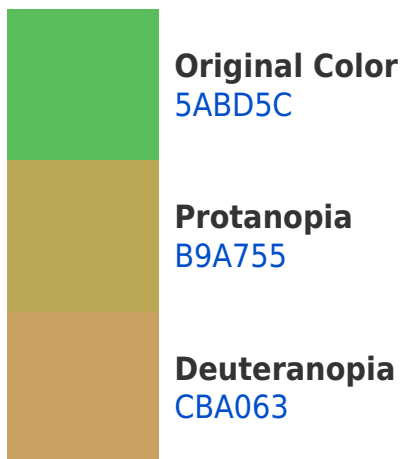


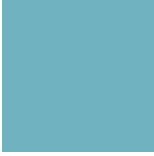
This preview shows how white text looks on a background with the Hex color 5ABD5C.

# 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](#).

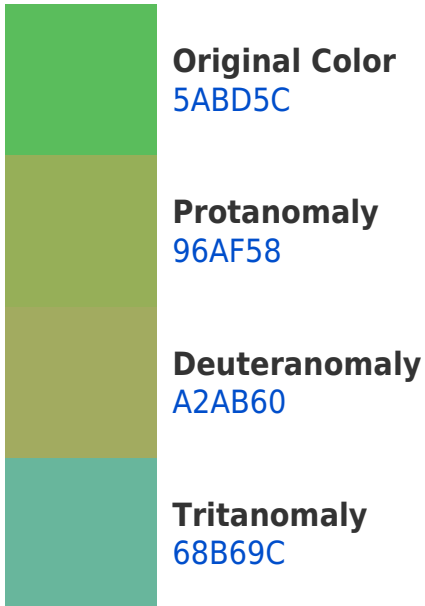
## Dichromacy



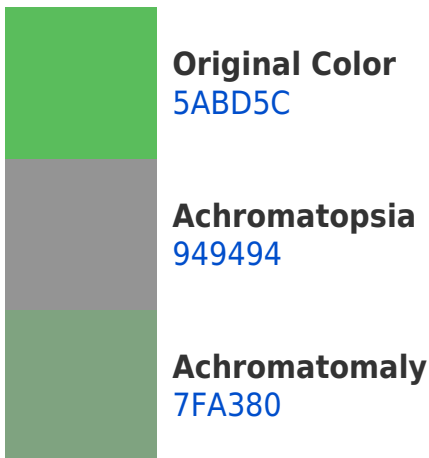


**Tritanopia**  
70B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ABD5C 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 #5ABD5C looks like.

```
.text, #text, p{  
    color:#5ABD5C  
}
```

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 #5ABD5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ABD5C
}
```

## Border

The CSS property to change the border of an element to Hex 5ABD5C 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
#5ABD5C }
```

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

```
.border{ border-color:#5ABD5C }
```

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

Here you see how a box with a 4 pixel #5ABD5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ABD5C; -webkit-box-shadow:4px 4px  
4px 4px #5ABD5C; box-shadow:4px 4px 4px  
4px #5ABD5C }
```

# Background

The CSS property to change the background color of an element to Hex 5ABD5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ABD5C }
```

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

```
.background{ background-color:#5ABD5C }
```

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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