

# Converting Colors

Hex(5BB183)

Have a look what the booklet for  
Hex(5BB183) contains.

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**Color**

**Hex(5BB183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BB183
RGB	91, 177, 131
RGB Percent	36%, 69%, 51%
CMY	0.6431, 0.3059, 0.4863
CMYK	0.49, 0.00, 0.26, 0.31
HSL	148°, 36%, 53%
HSV	148°, 49%, 69%
XYZ	24.1333, 35.3071, 27.0157
YIQ	146.0420, -36.4900, -32.5380

# Conversions

## Conversions Part 2

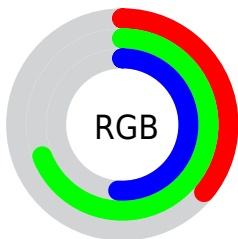
Format	Color
<a href="#">RYB</a>	<a href="#">91, 150, 177</a>
Decimal	<a href="#">6009219</a>
CIELab	<a href="#">65.99, -36.78, 15.68</a>
CIElCh	<a href="#">66, 39.983, 156.907</a>
Yxy	<a href="#">35.3071, 0.2791, 0.4084</a>
Android (android.graphics.Color)	<a href="#">4284199299 (0xFF5BB183)</a>
YUV	<a href="#">146.0420, -7.4157, -48.2718</a>
Hunter-Lab	<a href="#">59.4198, -31.4871, 14.6371</a>

# Details

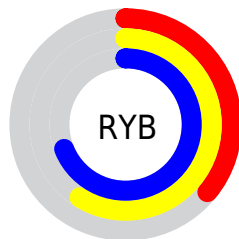
The Hex color **5BB183** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B15B89**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **92E9B8**, and **217C51** is the 20% darker color. If you saturate the color by 10%, you get **49B17A**, and if you desaturate by 10%, it is **6DB18C**.

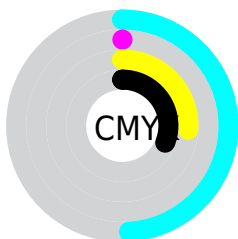
# Distribution



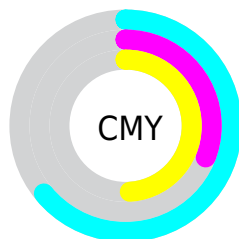
- Red (36%)
- Green (69%)
- Blue (51%)



- Red (36%)
- Yellow (59%)
- Blue (69%)



- Cyan (49%)
- Magenta (0%)
- Yellow (26%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BB183 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 5BB183 by changing the saturation by 10% instead.



 5BB183

 5BB183

FFFFFF

 3F966A

 92E9B8

 217C51

 AEFFD4

 00623A

 CAFFF0

 004A24

 E7FFFF

 00320F

 001D00

 000000

 5BB183

 5BB183

 49B17A

 6DB18C

 38B170

 7EB196

 26B167

 90B19F

 14B15D

 A2B1A9

 03B154

 B4B1B2

 00B152

 C5B1BC

 D7B1C5

 E9B1CF

 FAB1D8

# Harmonies

## Analogous

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



89AB65



5BB183



12B3A8

# Triad

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



5BB183



78A1E7



E28977

# Complementary

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



5BB183



B15B89

# 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.



E58499



5BB183



AF94DA

# Square

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



5BB183



2AACE2



D488BD



CE955F

# Rectangle

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



5BB183



00B3C0



D488BD



E58682



# Sweetspot

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



5BB183



C3E6D3



8AB15B



5E7368



F2F2F2



737373



# Same Dimension

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



5BB183



60E69E



5BB1AD



505954



009947



001A0C



# Inverse Universe

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



B15B89



E660A8



B15B5F



595055



990052



1A000E



# Previews

## White Background



This preview shows how the Hex color 5BB183 looks on a white background.

## Color Contrast Check

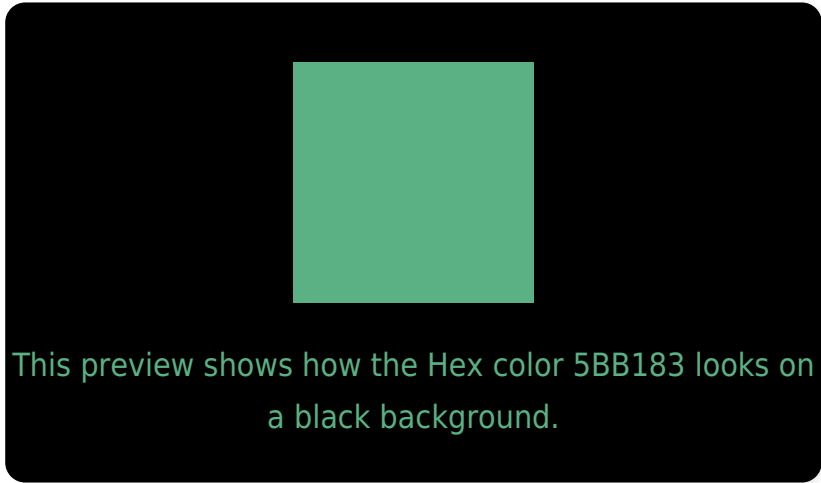
Large Text (above 18pt) WCAG AA × Fail

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

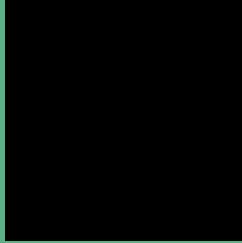
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BB183 Background



This preview shows how black text looks on a background with the Hex color 5BB183.

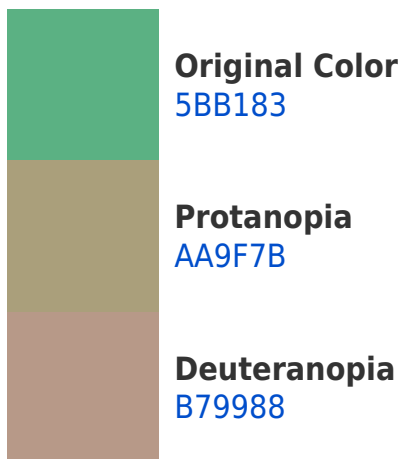


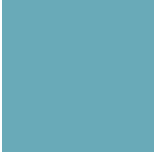
This preview shows how white text looks on a background with the Hex color 5BB183.

# 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](#).

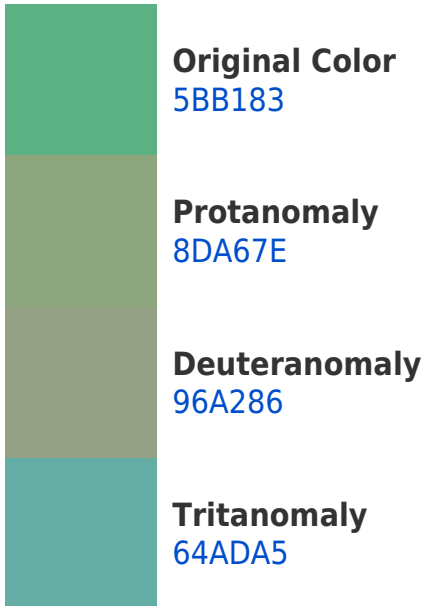
## Dichromacy



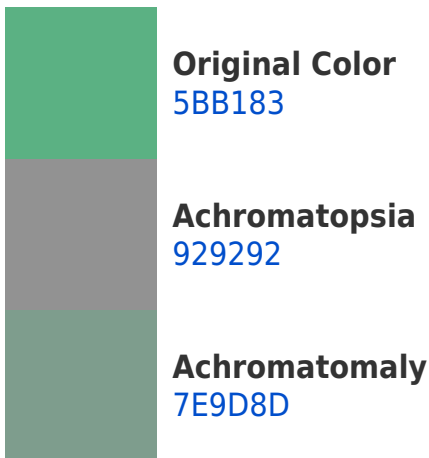


**Tritanopia**  
69AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BB183 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 #5BB183 looks like.

```
.text, #text, p{  
    color:#5BB183  
}
```

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 #5BB183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB183
}
```

## Border

The CSS property to change the border of an element to Hex 5BB183 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
#5BB183 }
```

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

```
.border{ border-color:#5BB183 }
```

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

Here you see how a box with a 4 pixel #5BB183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB183; -webkit-box-shadow:4px 4px  
4px 4px #5BB183; box-shadow:4px 4px 4px  
4px #5BB183 }
```

# Background

The CSS property to change the background color of an element to Hex 5BB183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB183 }
```

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

```
.background{ background-color:#5BB183 }
```

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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