

# Converting Colors

Hex(5BBACA)

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

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# Color

**Hex(5BBACA)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5BBACA
RGB	91, 186, 202
RGB Percent	36%, 73%, 79%
CMY	0.6431, 0.2706, 0.2078
CMYK	0.55, 0.08, 0.00, 0.21
HSL	189°, 51%, 57%
HSV	189°, 55%, 79%
XYZ	32.5340, 41.6062, 62.1932
YIQ	159.4190, -61.7560, -15.1640

# Conversions

## Conversions Part 2

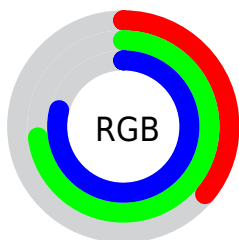
Format	Color
<a href="#">RYB</a>	<a href="#">91, 142, 202</a>
Decimal	<a href="#">6011594</a>
CIELab	<a href="#">70.60, -23.51, -16.63</a>
CIELCh	<a href="#">71, 28.800, 215.281</a>
Yxy	<a href="#">41.6062, 0.2386, 0.3052</a>
Android (android.graphics.Color)	<a href="#">4284201674</a> (0xFF5BBACA)
YUV	<a href="#">159.4190, 20.9924, -60.0035</a>
Hunter-Lab	<a href="#">64.5029, -22.8482, -12.0150</a>

# Details

The Hex color **5BBACA** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **CA6B5B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **95F2FF**, and **128594** is the 20% darker color. If you saturate the color by 10%, you get **47B7CA**, and if you desaturate by 10%, it is **6FBDCA**.

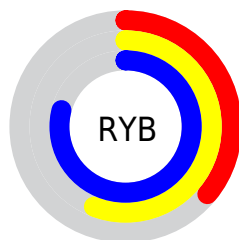
# Distribution



Red (36%)

Green (73%)

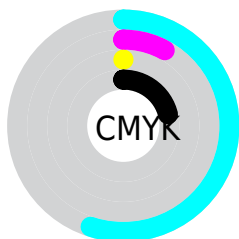
Blue (79%)



Red (36%)

Yellow (56%)

Blue (79%)

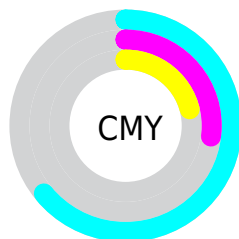


Cyan (55%)

Magenta (8%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (27%)

Yellow (21%)

# Brightness & Saturation Gradients

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



 5BBACA

FFFFFF

 95F2FF

 B3FFFF

 D0FFFF

 EEEFFF

 5BBACA

 3C9FAF

 128594

 006B7A

 005361

 003B49

 002533

 00061E

 000001

 000000

 5BBACA

 5BBACA

 47B7CA

 6FBDCA

 33B4CA

 83C0CA

 1EB1CA

 98C3CA

 0AAECA

 ACC6CA

 00ADCA

 C0C9CA

 D4CBCA

 E8CECA

 FDD1CA

 FFD4CA

# Harmonies

## Analogous

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



65BBB1



5BBACA



6EB5DC

# Triad

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



5BBACA



D29CC3



BBAD78

# Complementary

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



5BBACA



CA6B5B

# 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.



D2A47E



5BBACA



E099A9

# Square

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



5BBACA



B7A4D7



DF9C90



9EB481

# Rectangle

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



5BBACA



85B0E0



DF9C90



C3AA79

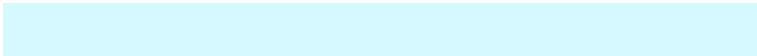


# Sweetspot

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



5BBACA



D6F9FF



5BCA6A



677C80



000000



808080



# Same Dimension

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



5BBACA



57E7FF



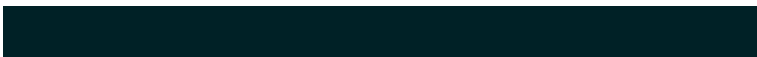
5B84CA



5C6566



008EA6



002126



# Inverse Universe

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



CA5BBA



FF57E7



CAA15B



665C65



A6008E



260021



# Previews

## White Background



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

## Color Contrast Check

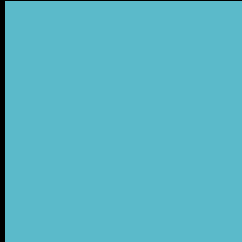
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5BBACA looks on a 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 5BBACA Background



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



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

# 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](#).

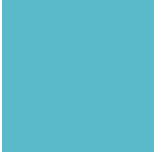
## Dichromacy



**Original Color**  
5BBACA

**Protanopia**  
A9AAC0


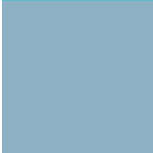
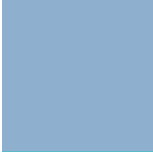

**Deuteranopia**  
ABA8CE




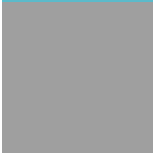

# Tritanopia

## 5BBAC9

# Trichromacy

	<b>Original Color</b> 5BBACA
	<b>Protanomaly</b> 8DB0C4
	<b>Deuteranomaly</b> 8EAFCD
	<b>Tritanomaly</b> 5BBAC9

# Monochromacy

	<b>Original Color</b> 5BBACA
	<b>Achromatopsia</b> 9F9F9F
	<b>Achromatomaly</b> 86A9AF

# CSS Examples

## Text

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

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

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 #5BBACA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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