

# Converting Colors

Hex(5BBBBB)

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

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# Color

**Hex(5BBBBB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BBBBB
RGB	91, 187, 187
RGB Percent	36%, 73%, 73%
CMY	0.6431, 0.2667, 0.2667
CMYK	0.51, 0.00, 0.00, 0.27
HSL	180°, 41%, 55%
HSV	180°, 51%, 73%
XYZ	31.0543, 41.3527, 53.3588
YIQ	158.2960, -57.2160, -20.3520

# Conversions

## Conversions Part 2

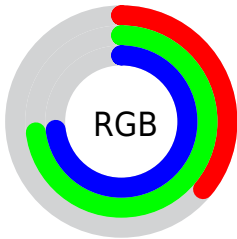
Format	Color
<b>RYB</b>	91, 139, 187
Decimal	6011835
CIELab	70.42, -28.14, -8.68
CIELCh	70, 29.443, 197.140
Yxy	41.3527, 0.2469, 0.3288
Android (android.graphics.Color)	4284201915 (0xFF5BBBBB)
YUV	158.2960, 14.1511, -59.0186
Hunter-Lab	64.3060, -26.3352, -4.1825

# Details

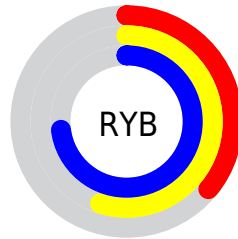
The Hex color **5BBBBB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BB5B5B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **95F3F3**, and **178586** is the 20% darker color. If you saturate the color by 10%, you get **48BBBB**, and if you desaturate by 10%, it is **6EBBBB**.

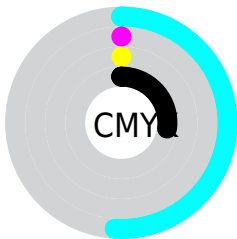
# Distribution



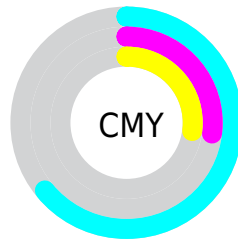
- Red (36%)
- Green (73%)
- Blue (73%)



- Red (36%)
- Yellow (55%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 5BBBBB

 5BBBBB

FFFFFF

 3DA0A0

 95F3F3

 178586

 B1FFFF

 006C6D

 CFFFFFF

 005354

 EFFFFFF

 003B3D

 002628

 000414

 000000

 5BBBBB

 5BBBBB

 48BBBB

 6EBBBB

 36BBBB

 80BBBB

 23BBBB

 93BBBB

 10BBBB

 A6BBBB

 00BBBB

 B9BBBB

 CBBBBB

 DEBBBB

 F1BBBB

 FFBBBB

# Harmonies

## Analogous

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



72BA9F



5BBBBB



5CB8D3

# Triad

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



5BB5BB



C3A0D1



CAA778

# Complementary

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



5BBBBB



BB5B5B

# 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.



DC9E86



5BBB8B



DA9AB9

# Square

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



5BBBBB



A0A9DF



E2999E



AFAF79

# Rectangle

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



5BBBBB



6DB5DD



E2999E



D1A47C



# Sweetspot

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



5BBB5B



CEF2F2



5BBB5B



647A7A



FAFAFA



7A7A7A



# Same Dimension

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



5B8BBB



5CF2F2



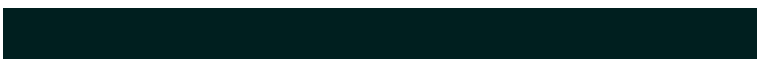
5B8BBB



555E5E



009E9E



001F1F



# Inverse Universe

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



BB5BBB



F25CF2



BB8B5B



5E555E



9E009E

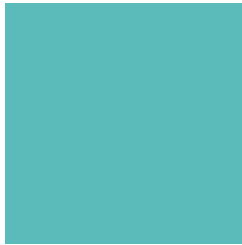


1F001F



# Previews

## White Background



This preview shows how the Hex color 5BBB5B looks on a white background.

## Color Contrast Check

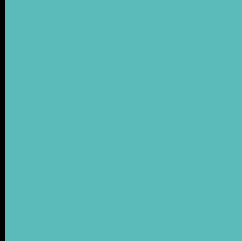
Large Text (above 18pt) WCAG AA × Fail

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 5BBBBB 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 5BBBBB Background



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

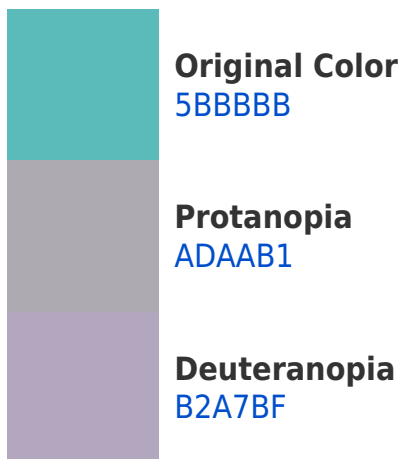


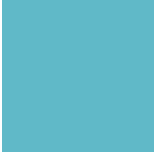
This preview shows how white text looks on a background with the Hex color 5BBBBB.

# 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**  
60B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5BBBBB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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