

Converting Colors

Hex(55BFBB)

Have a look what the booklet for
Hex(55BFBB) contains.

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Color

Hex(55BFBB)

Conversions

Conversions Part 1

Format	Color
Hex	55BFBB
RGB	85, 191, 187
RGB Percent	33%, 75%, 73%
CMY	0.6667, 0.2510, 0.2667
CMYK	0.55, 0.00, 0.02, 0.25
HSL	178°, 45%, 54%
HSV	178°, 55%, 75%
XYZ	31.3468, 42.7808, 53.6191
YIQ	158.8500, -61.8920, -23.7160

Conversions

Conversions Part 2

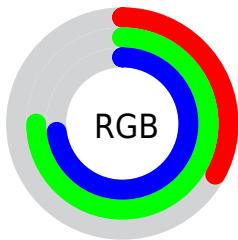
Format	Color
RYB	85, 139, 191
Decimal	5619643
CIELab	71.41, -31.30, -7.24
CIElCh	71, 32.123, 193.020
Yxy	42.7808, 0.2454, 0.3349
Android (android.graphics.Color)	4283809723 (0xFF55BFBB)
YUV	158.8500, 13.8780, -64.7664
Hunter-Lab	65.4070, -28.9149, -2.8196

Details

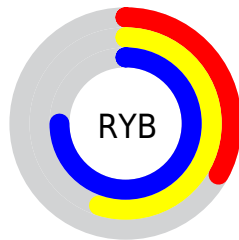
The Hex color **55BFBB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF5559**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **90F8F3**, and **008986** is the 20% darker color. If you saturate the color by 10%, you get **42BFBA**, and if you desaturate by 10%, it is **68BFBC**.

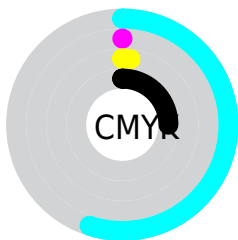
Distribution



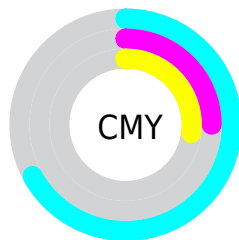
- Red (33%)
- Green (75%)
- Blue (73%)



- Red (33%)
- Yellow (55%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)



- Cyan (67%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55BFBB 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 55BFBB by changing the saturation by 10% instead.

 55BFBB

 55BFBB

FFFFFF

 35A4A0

 90F8F3

 008986

 ADFFFF

 006F6D

 CAFFFF

 005654

 E8FFFF

 003E3D

 002828

 000B14

 000000

 55BFBB

 55BFBB

 42BFBA

 68BFBC

 2FBFBA

 7BBFBC

 1CBFB9

 8EBFBD

 09BFB8

 A1BFBE

 00BFB8

 B4BFBF

 C8BFBF

 DBBFC0

 EEBFC1

 FFBFC1

Harmonies

Analogous

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



73BE9D



55BFBB



50BDD6

Triad

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



55BFBB



C3A3DA



D2A777

Complementary

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



55BFBB



BF5559

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.



E49E88



55BFBB



DE9BC1

Square

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



55BFBB



9BADE8



E999A3



B6B175

Rectangle

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



55BFBB



62B9E2



E999A3



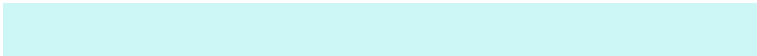
D9A47B

Sweetspot

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



55BFBB



CDF7F6



5ABF55



647D7C



FCFCFC



7D7D7D

Same Dimension

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



55BFBB



52F7F1



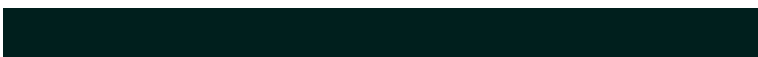
558FBF



555E5E



009E98



001F1D

Inverse Universe

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



BF5559



F75258



BF8555



5E5555



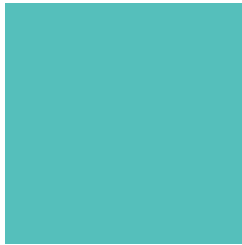
9E0006



1F0001

Previews

White Background



This preview shows how the Hex color 55BFBB looks on a white background.

Color Contrast Check

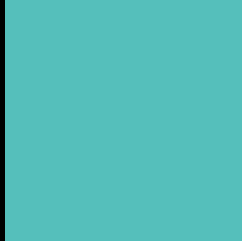
Large Text (above 18pt) WCAG AA × Fail

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 55BFBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

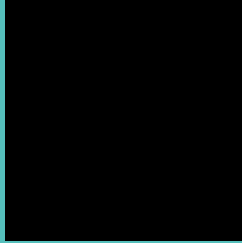
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

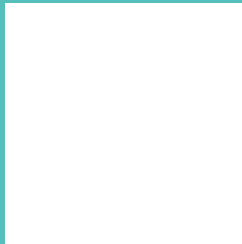
Any Text WCAG AAA ✓ Pass

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

Hex 55BFBB Background



This preview shows how black text looks on a background with the Hex color 55BFBB.

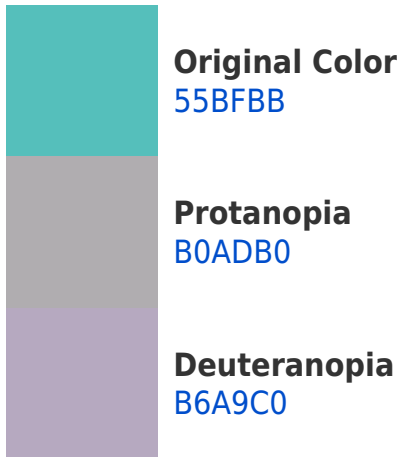


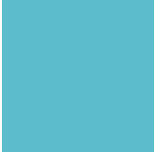
This preview shows how white text looks on a background with the Hex color 55BFBB.

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





Trichromacy



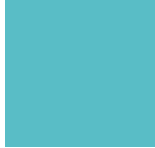
Original Color
55BFBB



Protanomaly
8FB4B4



Deuteranomaly
93B1BE



Tritanomaly
59BDC6

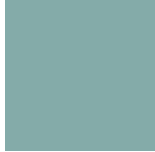
Monochromacy



Original Color
55BFBB



Achromatopsia
9F9F9F



Achromatomaly
84ABA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 55BFBB 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 #55BFBB looks like.

```
.text, #text, p{  
  color:#55BFBB  
}
```

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 #55BFBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55BFBB
}
```

Border

The CSS property to change the border of an element to Hex 55BFBB 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
#55BFBB }
```

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

```
.border{ border-color:#55BFBB }
```

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

Here you see how a box with a 4 pixel #55BFBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55BFBB; -webkit-box-shadow:4px 4px  
4px 4px #55BFBB; box-shadow:4px 4px 4px  
4px #55BFBB }
```

Background

The CSS property to change the background color of an element to Hex 55BFBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55BFBB }
```

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

```
.background{ background-color:#55BFBB }
```

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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