

Converting Colors

Hex(56BFB3)

Have a look what the booklet for
Hex(56BFB3) contains.

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Color

Hex(56BFB3)

Conversions

Conversions Part 1

Format	Color
Hex	56BFB3
RGB	86, 191, 179
RGB Percent	34%, 75%, 70%
CMY	0.6627, 0.2510, 0.2980
CMYK	0.55, 0.00, 0.06, 0.25
HSL	173°, 45%, 54%
HSV	173°, 55%, 75%
XYZ	30.6052, 42.4947, 49.2371
YIQ	158.2370, -58.7280, -25.9920

Conversions

Conversions Part 2

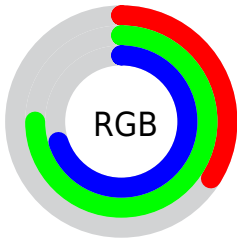
Format	Color
RYB	86, 142, 191
Decimal	5685171
CIELab	71.21, -33.20, -3.15
CIELCh	71, 33.350, 185.417
Yxy	42.4947, 0.2502, 0.3474
Android (android.graphics.Color)	4283875251 (0xFF56BFB3)
YUV	158.2370, 10.2362, -63.3518
Hunter-Lab	65.1880, -30.2746, 0.8493

Details

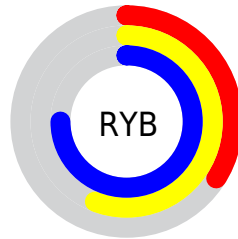
The Hex color **56BFB3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF5662**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **90F8EB**, and **08897E** is the 20% darker color. If you saturate the color by 10%, you get **43BFB1**, and if you desaturate by 10%, it is **69BFB5**.

Distribution



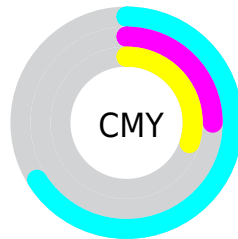
- Red (34%)
- Green (75%)
- Blue (70%)



- Red (34%)
- Yellow (56%)
- Blue (75%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (66%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BFB3 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 56BFB3 by changing the saturation by 10% instead.

 56BFB3

 56BFB3

FFFFFF

 37A498

 90F8EB

 08897E

 ADFFFF

 006F65

 CAFFFF

 00564E

 E8FFFF

 003E37

 002822

 00090C

 000000

 56BFB3

 56BFB3

■ 43BFB1

■ 69BFB5

■ 30BFAF

■ 7CBFB7

■ 1DBFAC

■ 8FBFBA

■ 0ABFAA

■ A2BFBC

■ 00BFA9

■ B6BFBE

■ C9BFC0

■ DCBFC2

■ EFBFC4

■ FFBFC7

Harmonies

Analogous

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



79BD94



56BFB3



45BED1

Triad

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



56BFB3



BAA5E0



D8A478

Complementary

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



56BFB3



BF5662

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.



E89B8D



56BFB3



DA9BC8

Square

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



56BFB3



8EAFEA



E997AA



BEAE71

Rectangle

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



56BFB3



53BADF



E997AA



DFA17D

Sweetspot

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



56BFB3



D0F7F3



62BF56



657D7A



FCFCFC



7D7D7D

Same Dimension

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



56BFB3



54F7E5



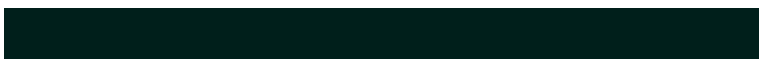
5697BF



555E5D



009E8C



001F1B

Inverse Universe

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



BF5662



F75467



BF7E56



5E5556



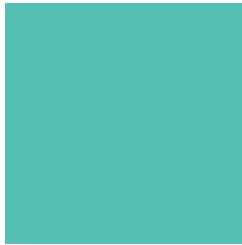
9E0012



1F0003

Previews

White Background



This preview shows how the Hex color 56BFB3 looks on a white background.

Color Contrast Check

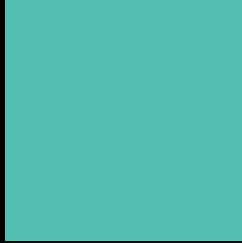
Large Text (above 18pt) WCAG AA × Fail

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 56BFB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

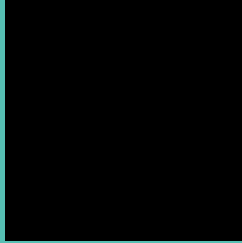
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

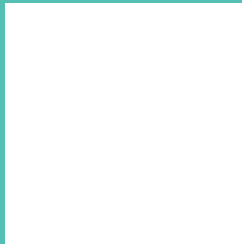
Any Text WCAG AAA ✓ Pass

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

Hex 56BFB3 Background



This preview shows how black text looks on a background with the Hex color 56BFB3.

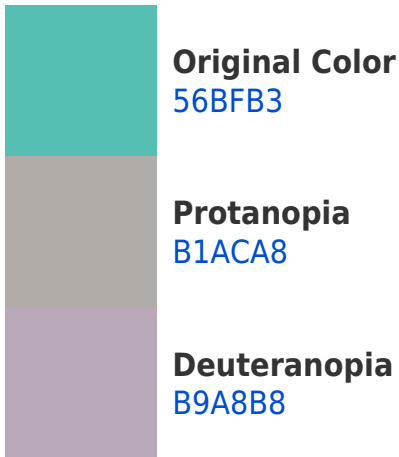


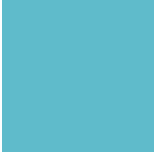
This preview shows how white text looks on a background with the Hex color 56BFB3.

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
5FBBCB

Trichromacy



Original Color
56BFB3



Protanomaly
90B3AC



Deuteranomaly
95B0B6



Tritanomaly
5CBCC2

Monochromacy



Original Color
56BFB3



Achromatopsia
9E9E9E



Achromatomaly
84AAA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 56BFB3 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 #56BFB3 looks like.

```
.text, #text, p{  
    color:#56BFB3  
}
```

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 #56BFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BFB3  
}
```

Border

The CSS property to change the border of an element to Hex 56BFB3 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  
#56BFB3 }
```

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

```
.border{ border-color:#56BFB3 }
```

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

Here you see how a box with a 4 pixel #56BFB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BFB3; -webkit-box-shadow:4px 4px  
4px 4px #56BFB3; box-shadow:4px 4px 4px  
4px #56BFB3 }
```

Background

The CSS property to change the background color of an element to Hex 56BFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BFB3 }
```

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

```
.background{ background-color:#56BFB3 }
```

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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