

# Converting Colors

Hex(59BFBA)

Have a look what the booklet for  
Hex(59BFBA) contains.

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**Color**

**Hex(59BFBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59BFBA
RGB	89, 191, 186
RGB Percent	35%, 75%, 73%
CMY	0.6510, 0.2510, 0.2706
CMYK	0.53, 0.00, 0.03, 0.25
HSL	177°, 44%, 55%
HSV	177°, 53%, 75%
XYZ	31.6136, 42.9306, 53.0746
YIQ	159.9320, -59.1870, -23.1790

# Conversions

## Conversions Part 2

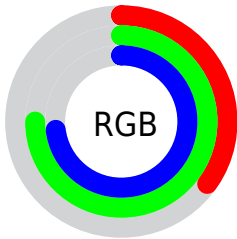
Format	Color
<a href="#">RYB</a>	<a href="#">89, 141, 191</a>
Decimal	<a href="#">5881786</a>
CIELab	<a href="#">71.51, -30.76, -6.52</a>
CIELCh	<a href="#">72, 31.444, 191.976</a>
Yxy	<a href="#">42.9306, 0.2477, 0.3364</a>
Android (android.graphics.Color)	<a href="#">4284071866</a> ( <a href="#">0xFF59BFBA</a> )
YUV	<a href="#">159.9320, 12.8515, -62.2074</a>
Hunter-Lab	<a href="#">65.5215, -28.5378, -2.1619</a>

# Details

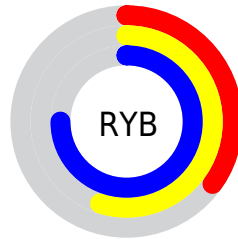
The Hex color **59BFBA** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BF595E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **93F8F2**, and **108985** is the 20% darker color. If you saturate the color by 10%, you get **46BFB9**, and if you desaturate by 10%, it is **6CBFBB**.

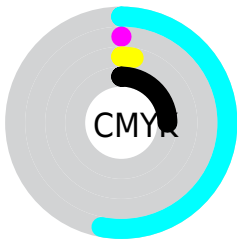
# Distribution



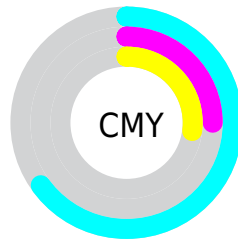
- Red (35%)
- Green (75%)
- Blue (73%)



- Red (35%)
- Yellow (55%)
- Blue (75%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (65%)
- Magenta (25%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59BFBA 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 59BFBA by changing the saturation by 10% instead.



 59BFBA

 59BFBA

FFFFFF

 3AA49F

 93F8F2

 108985

 B0FFFF

 006F6C

 CDFFFF

 005654

 EBFFFF

 003E3D

 002827

 000B13

 000000

 59BFBA

 59BFBA

 46BFB9

 6CBFBB

 33BFB8

 7FBFBC

 20BFB7

 92BFBD

 0DBFB6

 A5BFBE

 00BFB6

 B9BFBF

 CCBFC0

 DFBFC1

 F2BFC1

 FFBFC2

# Harmonies

## Analogous

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



76BE9C



59BFBA



53BDD5

# Triad

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



59BFBA



C2A4DA



D2A779

# Complementary

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



59BFBA



BF595E

# 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.



E49E8A



59BFBA



DD9CC2

# Square

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



59BFBA



9BAEE7



E89AA5



B8B177

# Rectangle

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



59BFBA



64B9E1



E89AA5



D9A47D

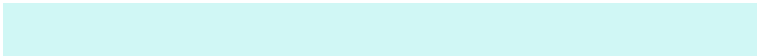


# Sweetspot

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



59BFBA



D0F7F5



5EBF59



657D7C



FCFCFC



7D7D7D



# Same Dimension

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



59BFBA



59F7F0



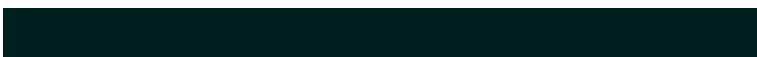
5991BF



555E5E



009E96



001F1D



# Inverse Universe

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



BF595E



F75961



BF8759



5E5555



9E0008

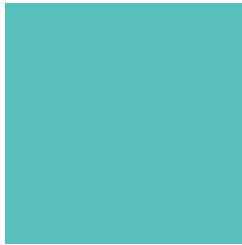


1F0001



# Previews

## White Background



This preview shows how the Hex color 59BFBA looks on a white background.

## Color Contrast Check

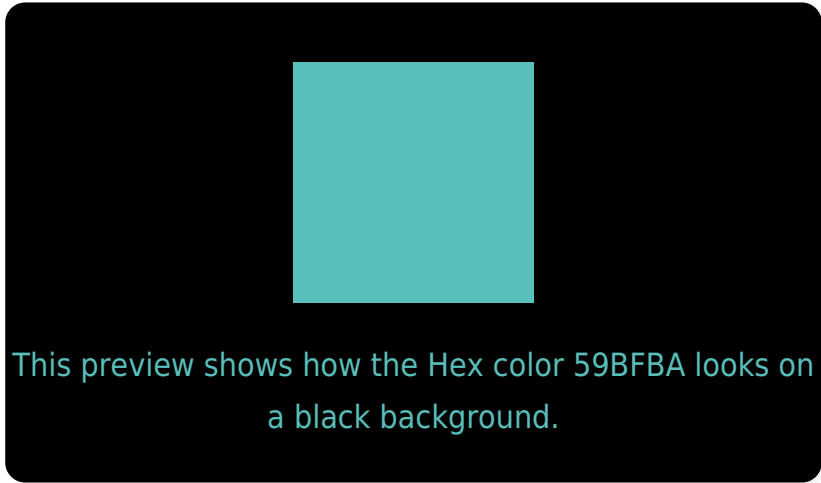
Large Text (above 18pt) WCAG AA × Fail

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

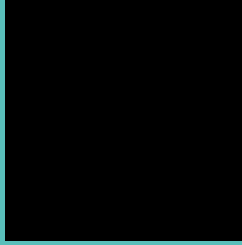
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

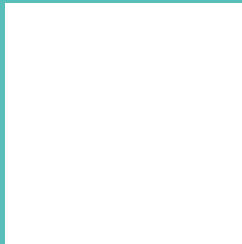
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59BFBA Background



This preview shows how black text looks on a background with the Hex color 59BFBA.

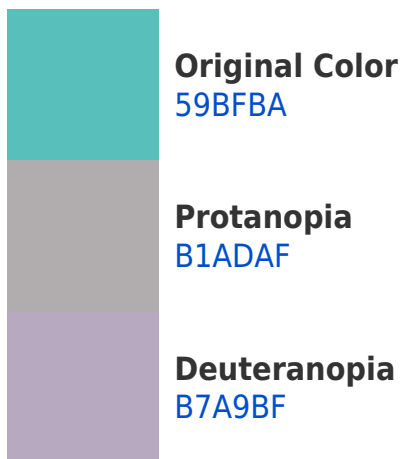


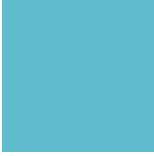
This preview shows how white text looks on a background with the Hex color 59BFBA.

# 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





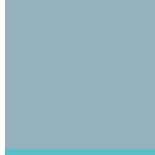
# Trichromacy



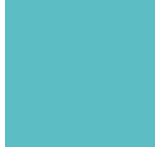
**Original Color**  
59BFBA



**Protanomaly**  
91B4B3



**Deuteranomaly**  
95B1BD



**Tritanomaly**  
5DBDC5

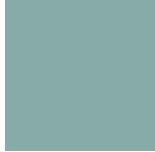
# Monochromacy



**Original Color**  
59BFBA



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
86ABA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59BFBA 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 #59BFBA looks like.

```
.text, #text, p{  
    color:#59BFBA  
}
```

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 #59BFBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59BFBA
}
```

## Border

The CSS property to change the border of an element to Hex 59BFBA 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
#59BFBA }
```

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

```
.border{ border-color:#59BFBA }
```

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

Here you see how a box with a 4 pixel #59BFBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59BFBA; -webkit-box-shadow:4px 4px  
4px 4px #59BFBA; box-shadow:4px 4px 4px  
4px #59BFBA }
```

# Background

The CSS property to change the background color of an element to Hex 59BFBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59BFBA }
```

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

```
.background{ background-color:#59BFBA }
```

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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