

Converting Colors

Hex(5FB4BE)

Have a look what the booklet for
Hex(5FB4BE) contains.

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Color

Hex(5FB4BE)

Conversions

Conversions Part 1

Format	Color
Hex	5FB4BE
RGB	95, 180, 190
RGB Percent	37%, 71%, 75%
CMY	0.6275, 0.2941, 0.2549
CMYK	0.50, 0.05, 0.00, 0.25
HSL	186°, 42%, 56%
HSV	186°, 50%, 75%
XYZ	30.3348, 38.7931, 54.6042
YIQ	155.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

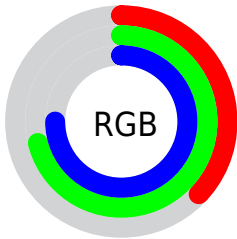
Format	Color
RYB	95, 140, 190
Decimal	6272190
CIELab	68.60, -22.97, -13.03
CIELCh	69, 26.407, 209.577
Yxy	38.7931, 0.2452, 0.3135
Android (android.graphics.Color)	4284462270 (0xFF5FB4BE)
YUV	155.7250, 16.8976, -53.2558
Hunter-Lab	62.2841, -22.0606, -8.3804

Details

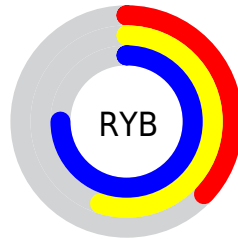
The Hex color **5FB4BE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE695F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **98ECF6**, and **207F89** is the 20% darker color. If you saturate the color by 10%, you get **4CB2BE**, and if you desaturate by 10%, it is **72B6BE**.

Distribution



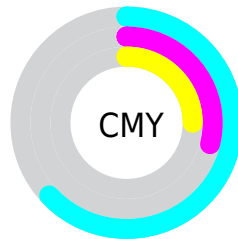
- Red (37%)
- Green (71%)
- Blue (75%)



- Red (37%)
- Yellow (55%)
- Blue (75%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB4BE 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 5FB4BE by changing the saturation by 10% instead.

 5FB4BE

 5FB4BE

FFFFFF

 4299A3

 98ECF6

 207F89

 B4FFFF

 00666F

 D1FFFF

 004D57

 EFFFFFF

 003640

 00212A

 000116

 000000

 5FB4BE

 5FB4BE

 4CB2BE

 72B6BE

 39B0BE

 85B8BE

 26AEBE

 98BABE

 13ACBE

 ABBCBE

 00AABE

 BEBEBE

 D1C0BE

 E4C2BE

 F7C4BE

 FFC6BE

Harmonies

Analogous

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



6BB5A6



5FB4BE



6BB0D0

Triad

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



5FB4BE



C69AC0



B9A678

Complementary

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



5FB4BE



BE695F

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.



CD9E7F



5FB4BE



D596A9

Square

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



5FB4BE



ABA1D1



D79891



9FAD7D

Rectangle

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



5FB4BE



7EACD6



D79891



C0A379

Sweetspot

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



5FB4BE



D2F3F7



5FBE68



667B7D



FCFCFC



7D7D7D

Same Dimension

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



5FB4BE



63E8F7



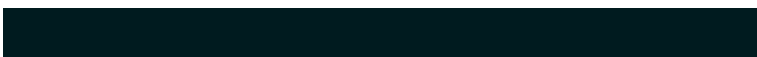
5F85BE



555D5E



008D9E



001B1F

Inverse Universe

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



BE5FB4



F763E8



BE985F



5E555D



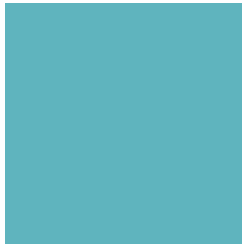
9E008D



1F001B

Previews

White Background



This preview shows how the Hex color 5FB4BE looks on a white background.

Color Contrast Check

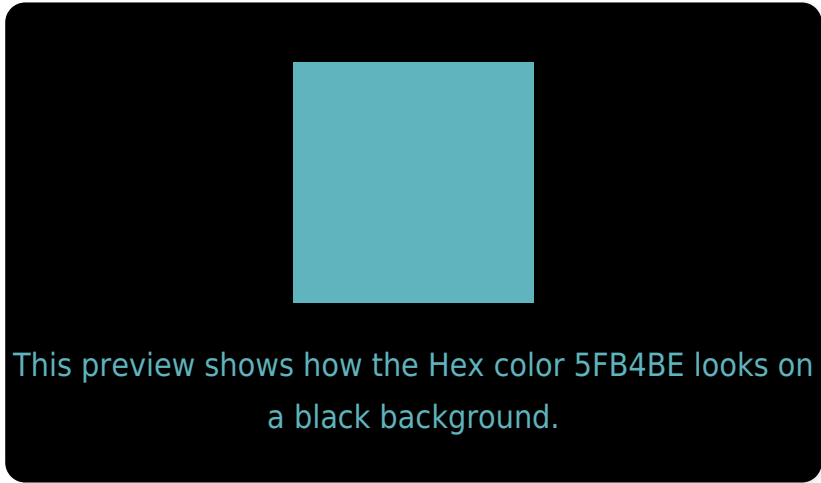
Large Text (above 18pt) WCAG AA × Fail

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

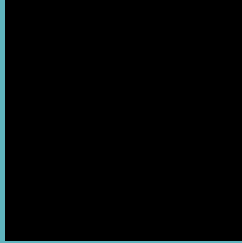
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

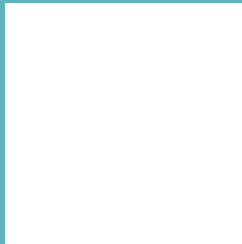
Any Text WCAG AAA ✓ Pass

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

Hex 5FB4BE Background



This preview shows how black text looks on a background with the Hex color 5FB4BE.

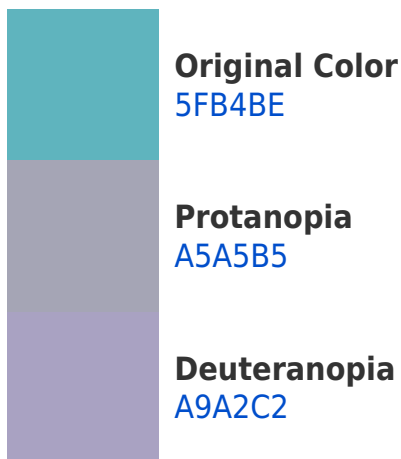


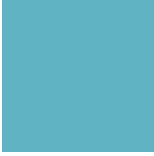
This preview shows how white text looks on a background with the Hex color 5FB4BE.

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](#).

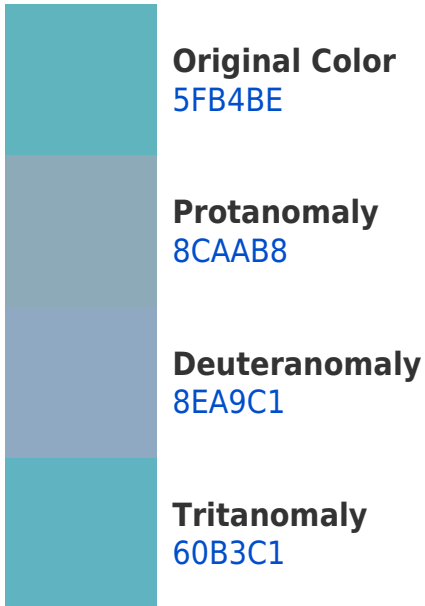
Dichromacy



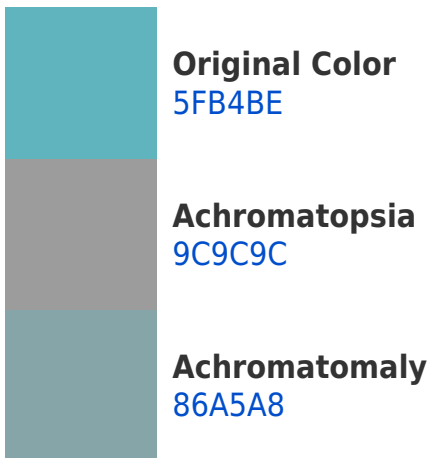


Tritanopia
60B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB4BE 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 #5FB4BE looks like.

```
.text, #text, p{  
    color:#5FB4BE  
}
```

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 #5FB4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB4BE
}
```

Border

The CSS property to change the border of an element to Hex 5FB4BE 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
#5FB4BE }
```

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

```
.border{ border-color:#5FB4BE }
```

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

Here you see how a box with a 4 pixel #5FB4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB4BE; -webkit-box-shadow:4px 4px  
4px 4px #5FB4BE; box-shadow:4px 4px 4px  
4px #5FB4BE }
```

Background

The CSS property to change the background color of an element to Hex 5FB4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB4BE }
```

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

```
.background{ background-color:#5FB4BE }
```

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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