

Converting Colors

Hex(5FB7BD)

Have a look what the booklet for
Hex(5FB7BD) contains.

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Color

Hex(5FB7BD)

Conversions

Conversions Part 1

Format	Color
Hex	5FB7BD
RGB	95, 183, 189
RGB Percent	37%, 72%, 74%
CMY	0.6275, 0.2824, 0.2588
CMYK	0.50, 0.03, 0.00, 0.26
HSL	184°, 42%, 56%
HSV	184°, 50%, 74%
XYZ	30.8381, 39.9740, 54.2345
YIQ	157.3720, -54.3740, -16.7900

Conversions

Conversions Part 2

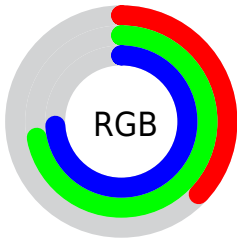
Format	Color
RYB	95, 140, 189
Decimal	6272957
CIELab	69.45, -24.75, -11.21
CIElCh	69, 27.170, 204.366
Yxy	39.9740, 0.2466, 0.3197
Android (android.graphics.Color)	4284463037 (0xFF5FB7BD)
YUV	157.3720, 15.5926, -54.7002
Hunter-Lab	63.2250, -23.5800, -6.6016

Details

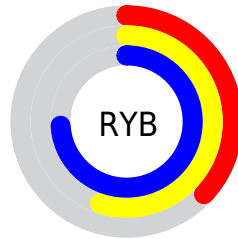
The Hex color **5FB7BD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD655F**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **98EFF5**, and **208288** is the 20% darker color. If you saturate the color by 10%, you get **4CB6BD**, and if you desaturate by 10%, it is **72B8BD**.

Distribution



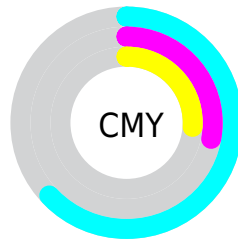
- Red (37%)
- Green (72%)
- Blue (74%)



- Red (37%)
- Yellow (55%)
- Blue (74%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB7BD 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 5FB7BD by changing the saturation by 10% instead.

■ 5FB7BD

■ 5FB7BD

FFFFFF

■ 429CA2

■ 98EFF5

■ 208288

■ B5FFFF

■ 00686E

■ D2FFFF

■ 005056

■ EFFFFFF

■ 00383F

■ 002329

■ 000115

■ 000000

■ 5FB7BD

■ 5FB7BD

4CB6BD

72B8BD

39B5BD

85B9BD

26B3BD

98BBBD

13B2BD

ABBCBD

00B1BD

BEBDBD

D0BEBD

E3BFBD

F6C1BD

FFC2BD

Harmonies

Analogous

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



6FB7A4



5FB7BD



67B4D1

Triad

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



5FB7BD



C59DC7



C0A679

Complementary

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



5FB7BD



BD655F

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.



D39E83



5FB7BD



D798AF

Square

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



5FB7BD



A7A5D6



DB9996



A6AE7C

Rectangle

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



5FB7BD



79B0D8



DB9996



C7A47B

Sweetspot

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



5FB7BD



D0F2F5



5FBD64



64797A



FAFAFA



7A7A7A

Same Dimension

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



5FB7BD



62EBF5



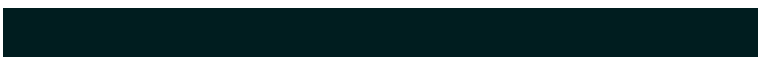
5F89BD



555E5E



00949E



001D1F

Inverse Universe

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



BD5FB7



F562EB



BD935F



5E555E



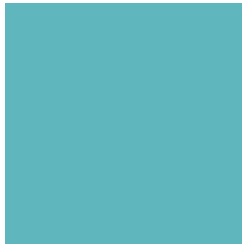
9E0094



1F001D

Previews

White Background



This preview shows how the Hex color 5FB7BD looks on a white background.

Color Contrast Check

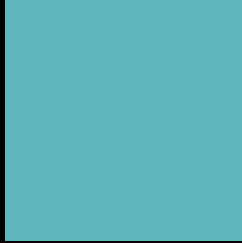
Large Text (above 18pt) WCAG AA × Fail

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 5FB7BD 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

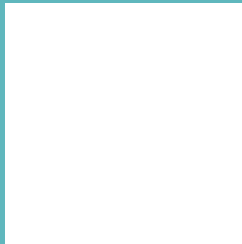
Any Text WCAG AAA ✓ Pass

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

Hex 5FB7BD Background



This preview shows how black text looks on a background with the Hex color 5FB7BD.

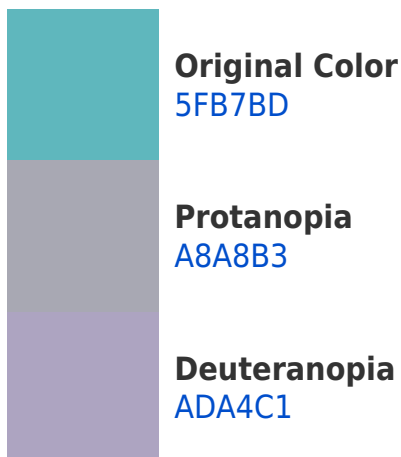


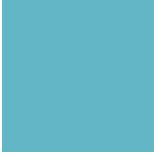
This preview shows how white text looks on a background with the Hex color 5FB7BD.

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](#).

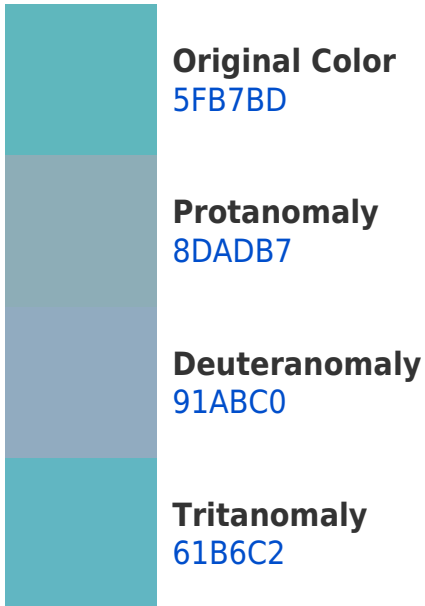
Dichromacy



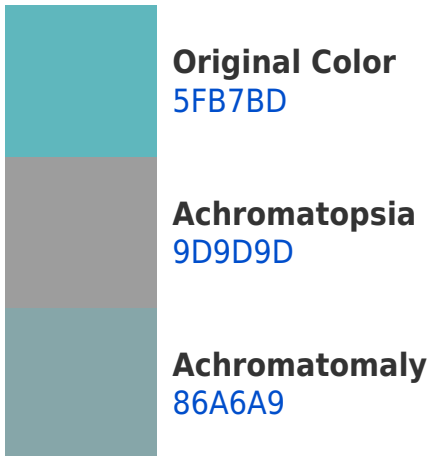


Tritanopia
62B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB7BD 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 #5FB7BD looks like.

```
.text, #text, p{  
    color:#5FB7BD  
}
```

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 #5FB7BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB7BD  
}
```

Border

The CSS property to change the border of an element to Hex 5FB7BD 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  
#5FB7BD }
```

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

```
.border{ border-color:#5FB7BD }
```

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

Here you see how a box with a 4 pixel #5FB7BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB7BD; -webkit-box-shadow:4px 4px  
4px 4px #5FB7BD; box-shadow:4px 4px 4px  
4px #5FB7BD }
```

Background

The CSS property to change the background color of an element to Hex 5FB7BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB7BD }
```

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

```
.background{ background-color:#5FB7BD }
```

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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