

Converting Colors

Hex(5FB1B4)

Have a look what the booklet for
Hex(5FB1B4) contains.

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Color

Hex(5FB1B4)

Conversions

Conversions Part 1

Format	Color
Hex	5FB1B4
RGB	95, 177, 180
RGB Percent	37%, 69%, 71%
CMY	0.6275, 0.3059, 0.2941
CMYK	0.47, 0.02, 0.00, 0.29
HSL	182°, 36%, 54%
HSV	182°, 47%, 71%
XYZ	28.6797, 37.1725, 48.8434
YIQ	152.8240, -49.8350, -16.4510

Conversions

Conversions Part 2

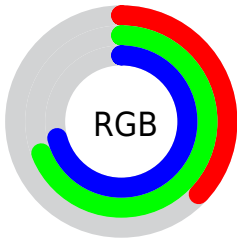
Format	Color
RYB	95, 137, 180
Decimal	6271412
CIELab	67.41, -24.15, -9.30
CIELCh	67, 25.875, 201.059
Yxy	37.1725, 0.2501, 0.3241
Android (android.graphics.Color)	4284461492 (0xFF5FB1B4)
YUV	152.8240, 13.3978, -50.7116
Hunter-Lab	60.9692, -22.7305, -4.8197

Details

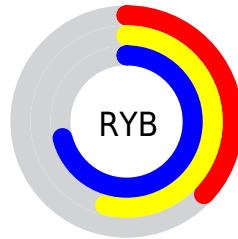
The Hex color **5FB1B4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B4625F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **97E9EC**, and **237C7F** is the 20% darker color. If you saturate the color by 10%, you get **4DB0B4**, and if you desaturate by 10%, it is **71B2B4**.

Distribution



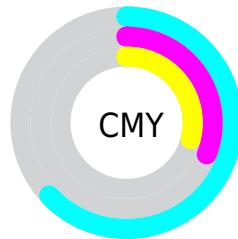
- Red (37%)
- Green (69%)
- Blue (71%)



- Red (37%)
- Yellow (54%)
- Blue (71%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB1B4 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 5FB1B4 by changing the saturation by 10% instead.

 5FB1B4

 5FB1B4


FFFFFF

 439699

 97E9EC

 237C7F

 B3FFFF

 006366

 D0FFFF

 004B4E

 EEEFFF

 003438

 002022

 00000C

 000000

 5FB1B4

 5FB1B4

4DB0B4

71B2B4

3BB0B4

83B2B4

29AFB4

95B3B4

17AEB4

A7B4B4

05AEB4

B9B4B4

00AEB4

CBB5B4

DDB5B4

EFB6B4

FFB7B4

Harmonies

Analogous

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



70B19C



5FB1B4



64AEC8

Triad

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



5FB1B4



BB99C2



BCA076

Complementary

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



5FB1B4



B4625F

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.



CD9981



5FB1B4



CE94AC

Square

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



5FB1B4



9EA1CF



D49494



A4A878

Rectangle

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



5FB1B4



73ABD0



D49494



C29E79

Sweetspot

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



5FB1B4



CAE9EB



5FB462



617575



F5F5F5



757575

Same Dimension

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



5FB1B4



65E6EB



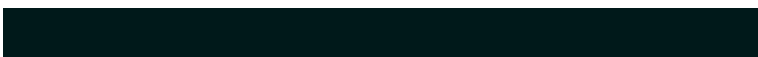
5F87B4



505959



009499



00191A

Inverse Universe

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



B45FB1



EB65E6



B48C5F



595059



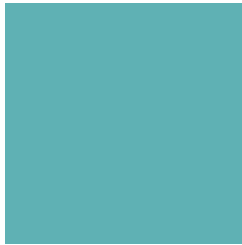
990094



1A0019

Previews

White Background



This preview shows how the Hex color 5FB1B4 looks on a white background.

Color Contrast Check

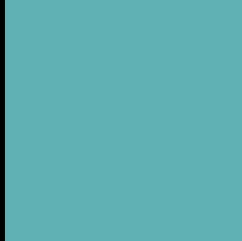
Large Text (above 18pt) WCAG AA × Fail

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 5FB1B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

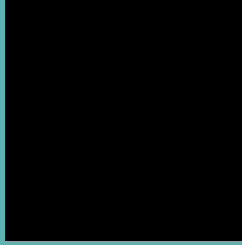
Any Text WCAG AA ✓ Pass

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 5FB1B4 Background



This preview shows how black text looks on a background with the Hex color 5FB1B4.

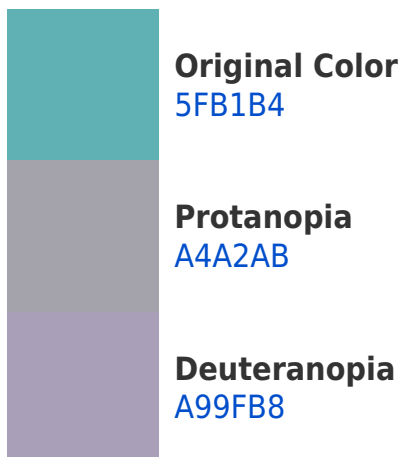


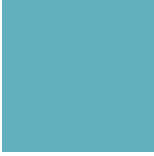
This preview shows how white text looks on a background with the Hex color 5FB1B4.

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](#).

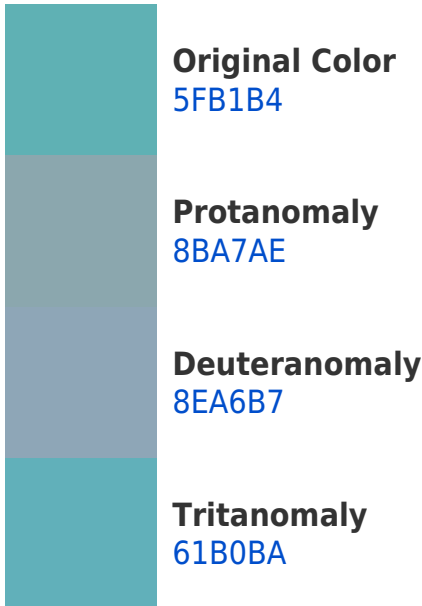
Dichromacy



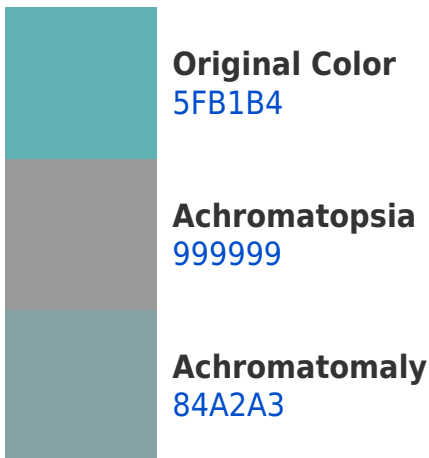


Tritanopia
62AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB1B4 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 #5FB1B4 looks like.

```
.text, #text, p{  
    color:#5FB1B4  
}
```

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 #5FB1B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB1B4
}
```

Border

The CSS property to change the border of an element to Hex 5FB1B4 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
#5FB1B4 }
```

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

```
.border{ border-color:#5FB1B4 }
```

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

Here you see how a box with a 4 pixel #5FB1B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB1B4; -webkit-box-shadow:4px 4px  
4px 4px #5FB1B4; box-shadow:4px 4px 4px  
4px #5FB1B4 }
```

Background

The CSS property to change the background color of an element to Hex 5FB1B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB1B4 }
```

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

```
.background{ background-color:#5FB1B4 }
```

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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