

Converting Colors

Hex(6FB3CB)

Have a look what the booklet for
Hex(6FB3CB) contains.

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Color

Hex(6FB3CB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 6FB3CB |
| RGB | 111, 179, 203 |
| RGB Percent | 44%, 70%, 80% |
| CMY | 0.5647, 0.2980, 0.2039 |
| CMYK | 0.45, 0.12, 0.00, 0.20 |
| HSL | 196°, 47%, 62% |
| HSV | 196°, 45%, 80% |
| XYZ | 33.4551, 39.9315, 62.4442 |
| YIQ | 161.4040, -48.2320, -6.9520 |

Conversions

Conversions Part 2

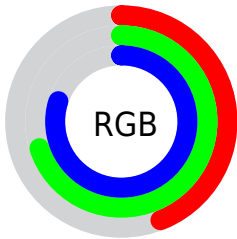
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 111, 150, 203 |
| Decimal | 7320523 |
| CIELab | 69.42, -15.16, -18.89 |
| CIELCh | 69, 24.222, 231.244 |
| Yxy | 39.9315, 0.2463, 0.2940 |
| Android (android.graphics.Color) | 4285510603 (0xFF6FB3CB) |
| YUV | 161.4040, 20.5068, -44.2043 |
| Hunter-Lab | 63.1914, -16.0824, -14.3550 |

Details

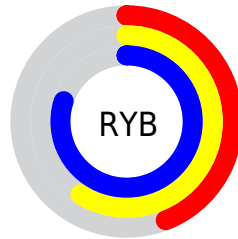
The Hex color **6FB3CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB876F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A7EBFF**, and **367E95** is the 20% darker color. If you saturate the color by 10%, you get **5BAECB**, and if you desaturate by 10%, it is **83B8CB**.

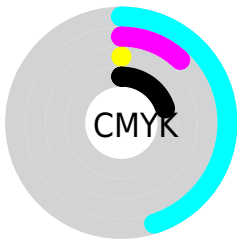
Distribution



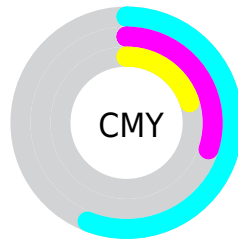
- Red (44%)
- Green (70%)
- Blue (80%)



- Red (44%)
- Yellow (59%)
- Blue (80%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (30%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB3CB 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 6FB3CB by changing the saturation by 10% instead.

 6FB3CB

 6FB3CB

FFFFFF

 5398B0

 A7EBFF

 367E95

 C3FFFF

 13657B

 E1FFFF

 004D62

FEFFFF

 00364A

 002133

 00021F

 000002

 000000

 6FB3CB

 6FB3CB

 5BAECB

 83B8CB

 46A8CB

 98BECB

 32A3CB

 ACC3CB

 1E9ECB

 C0C8CB

 0A99CB

 D5CDCB

 0096CB

 E9D3CB

 FDD8CB

 FFDDCB

 FFE3CB

Harmonies

Analogous

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



6AB6B9



6FB3CB



86AED4

Triad

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



6FB3CB



D19AB1



A9AD80

Complementary

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



6FB3CB



CB876F

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.



C0A67E



6FB3CB



D79A9B

Square

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



6FB3CB



C09FC5



D09F88



90B38D

Rectangle

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



6FB3CB



9AA9D4



D09F88



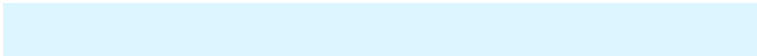
B1AB7E

Sweetspot

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



6FB3CB



DBF6FF



6FCB86



6A7A80



000000



808080

Same Dimension

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



6FB3CB



75DBFF



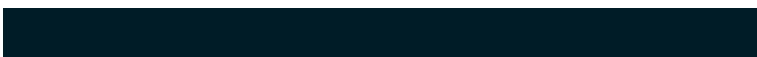
6F86CB



5C6366



007BA6



001C26

Inverse Universe

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



CB6FB3



FF75DB



CBB46F



665C63



A6007B



26001C

Previews

White Background



This preview shows how the Hex color 6FB3CB looks on a white background.

Color Contrast Check

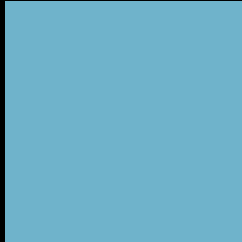
Large Text (above 18pt) WCAG AA × Fail

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 6FB3CB 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 6FB3CB Background



This preview shows how black text looks on a background with the Hex color 6FB3CB.

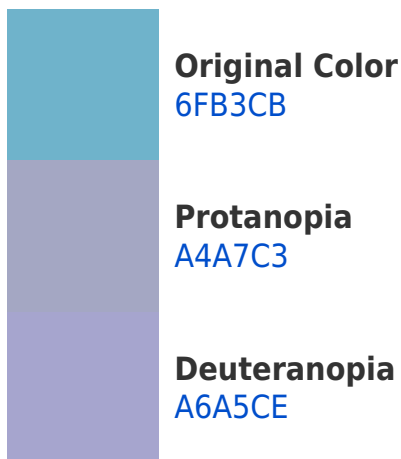


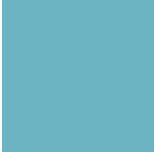
This preview shows how white text looks on a background with the Hex color 6FB3CB.

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](#).

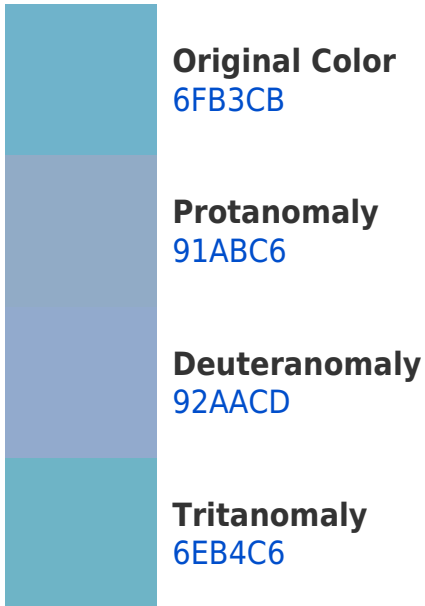
Dichromacy



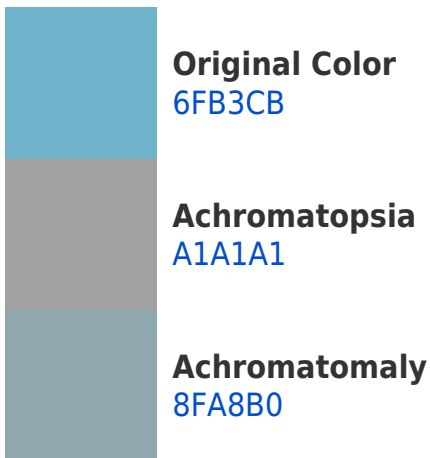


Tritanopia
6DB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB3CB 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 #6FB3CB looks like.

```
.text, #text, p{  
    color:#6FB3CB  
}
```

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 #6FB3CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB3CB
}
```

Border

The CSS property to change the border of an element to Hex 6FB3CB 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
#6FB3CB }
```

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

```
.border{ border-color:#6FB3CB }
```

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

Here you see how a box with a 4 pixel #6FB3CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB3CB; -webkit-box-shadow:4px 4px  
4px 4px #6FB3CB; box-shadow:4px 4px 4px  
4px #6FB3CB }
```

Background

The CSS property to change the background color of an element to Hex 6FB3CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB3CB }
```

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

```
.background{ background-color:#6FB3CB }
```

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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