

Converting Colors

Hex(6FB4DC)

Have a look what the booklet for
Hex(6FB4DC) contains.

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Color

Hex(6FB4DC)

Conversions

Conversions Part 1

Format	Color
Hex	6FB4DC
RGB	111, 180, 220
RGB Percent	44%, 71%, 86%
CMY	0.5647, 0.2941, 0.1373
CMYK	0.50, 0.18, 0.00, 0.14
HSL	202°, 61%, 65%
HSV	202°, 50%, 86%
XYZ	35.7951, 41.1893, 73.7739
YIQ	163.9290, -53.9640, -2.1880

Conversions

Conversions Part 2

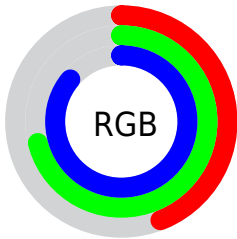
Format	Color
R _{YB}	111, 153, 220
Decimal	7320796
CIE Lab	70.31, -10.94, -26.85
CIE LCh	70, 28.998, 247.829
Yxy	41.1893, 0.2374, 0.2732
Android (android.graphics.Color)	4285510876 (0xFF6FB4DC)
YUV	163.9290, 27.6430, -46.4187
Hunter-Lab	64.1789, -12.7567, -23.2288

Details

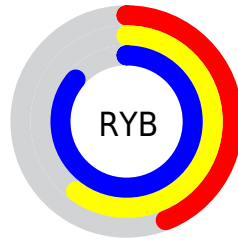
The Hex color **6FB4DC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **DC976F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **A8ECFF**, and **337FA5** is the 20% darker color. If you saturate the color by 10%, you get **59ACDC**, and if you desaturate by 10%, it is **85BCDC**.

Distribution



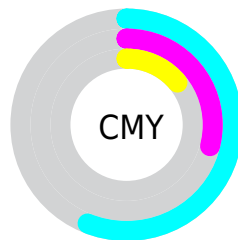
- Red (44%)
- Green (71%)
- Blue (86%)



- Red (44%)
- Yellow (60%)
- Blue (86%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FB4DC 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 6FB4DC by changing the saturation by 10% instead.

■ 6FB4DC

■ 6FB4DC

FFFFFF

■ 5299C0

■ A8ECFF

■ 337FA5

■ C5FFFF

■ 06668A

■ E2FFFF

■ 004E71

■ 003758

■ 002241

■ 00052B

■ 000115

■ 000000

■ 6FB4DC

■ 6FB4DC

■ 59ACDC

■ 85BCDC

■ 43A4DC

■ 9BC4DC

■ 2D9CDC

■ B1CCDC

■ 1794DC

■ C7D4DC

■ 018CDC

■ DDDCDC

■ 008BDC

■ F3E4DC

■ FFEDDC

■ FFF5DC

■ FFFDDC

Harmonies

Analogous

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



5AB9CB



6FB4DC



94ACE0

Triad

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



6FB4DC



E098A6



9BB482

Complementary

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



6FB4DC



DC976F

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.



B8AC78



6FB4DC



DE9C8D

Square

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



6FB4DC



D39BC0



D0A47C



7CB997

Rectangle

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



6FB4DC



ADA6DA



D0A47C



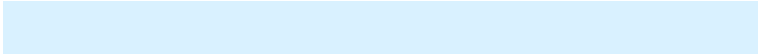
A5B27D

Sweetspot

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



6FB4DC



D9F1FF



6FDC97



697780



000000



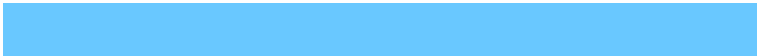
808080

Same Dimension

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



6FB4DC



69C8FF



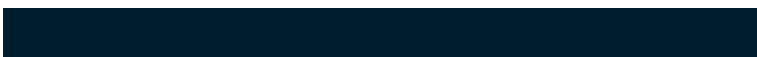
6F7EDC



636A6E



006EAD



001D2E

Inverse Universe

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



DC6FB4



FF69C8



DCCD6F



6E636A



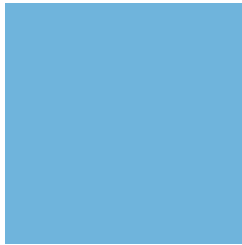
AD006E



2E001D

Previews

White Background



This preview shows how the Hex color 6FB4DC looks on a white background.

Color Contrast Check

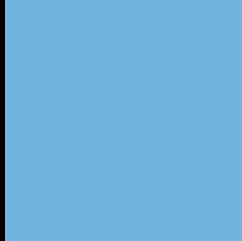
Large Text (above 18pt) WCAG AA × Fail

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 6FB4DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

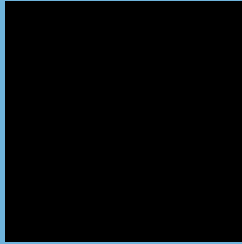
Any Text WCAG AA ✓ Pass

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 6FB4DC Background



This preview shows how black text looks on a background with the Hex color 6FB4DC.

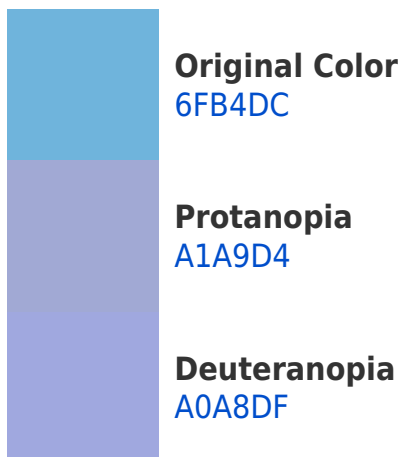


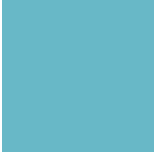
This preview shows how white text looks on a background with the Hex color 6FB4DC.

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](#).

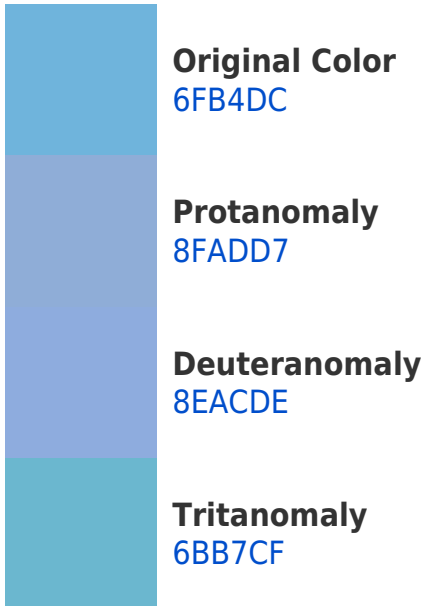
Dichromacy



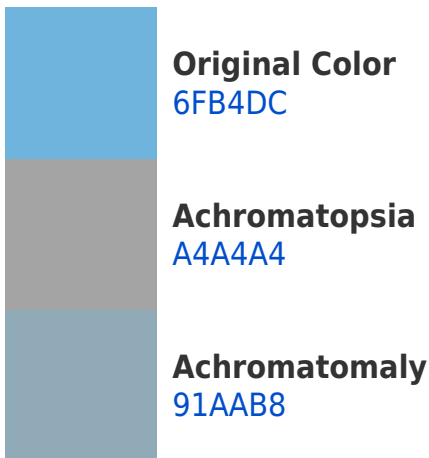


Tritanopia
68B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FB4DC 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 #6FB4DC looks like.

```
.text, #text, p{  
    color:#6FB4DC  
}
```

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 #6FB4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FB4DC
}
```

Border

The CSS property to change the border of an element to Hex 6FB4DC 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
#6FB4DC }
```

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

```
.border{ border-color:#6FB4DC }
```

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

Here you see how a box with a 4 pixel #6FB4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FB4DC; -webkit-box-shadow:4px 4px  
4px 4px #6FB4DC; box-shadow:4px 4px 4px  
4px #6FB4DC }
```

Background

The CSS property to change the background color of an element to Hex 6FB4DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FB4DC }
```

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

```
.background{ background-color:#6FB4DC }
```

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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