

Converting Colors

Hex(6BFD4)

Have a look what the booklet for
Hex(6BFDF4) contains.

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Color

Hex(6BFD4)

Conversions

Conversions Part 1

Format	Color
Hex	6BFDF4
RGB	107, 253, 244
RGB Percent	42%, 99%, 96%
CMY	0.5804, 0.0078, 0.0431
CMYK	0.58, 0.00, 0.04, 0.01
HSL	176°, 97%, 71%
HSV	176°, 58%, 99%
XYZ	57.5178, 79.9080, 97.9802
YIQ	208.3200, -84.1270, -33.7510

Conversions

Conversions Part 2

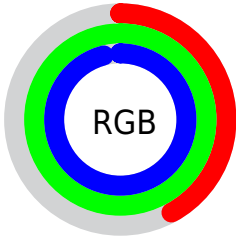
Format	Color
RYB	107, 182, 253
Decimal	7077364
CIELab	91.64, -41.06, -7.50
CIELCh	92, 41.740, 190.346
Yxy	79.9080, 0.2443, 0.3394
Android (android.graphics.Color)	4285267444 (0xFF6BFDF4)
YUV	208.3200, 17.5902, -88.8576
Hunter-Lab	89.3913, -41.5809, -2.4128

Details

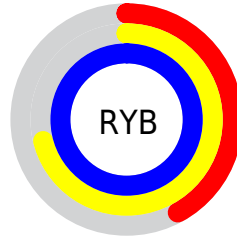
The Hex color **6BFD4** is a light color, and the websafe version is hex **66FFF**. A complement of this color would be **FD6B74**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **AAFFF**, and **14C4BC** is the 20% darker color. If you saturate the color by 10%, you get **52FDF2**, and if you desaturate by 10%, it is **84FDF6**.

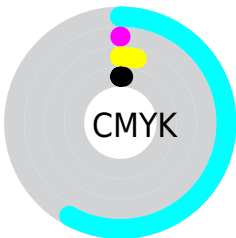
Distribution



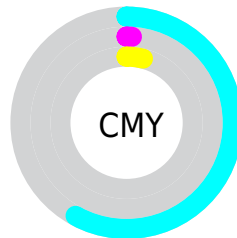
- Red (42%)
- Green (99%)
- Blue (96%)



- Red (42%)
- Yellow (71%)
- Blue (99%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (58%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFD4 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 6BFD4 by changing the saturation by 10% instead.

 6BFDF4

FFFFFF

 AAFFFF

 C9FFFF

 E8FFFF

 6BFDF4

 48E0D8

 14C4BC

 00A8A1

 008D87

 00736D

 005A55

 00413E

 002B28

 000C15

6BFDF4

6BFDF4

52FDF2

84FDF6

38FDF1

9EFDF7

1FFDEF

B7FDF9

06FDEE

D0FDFA

00FDED

EAFDFC

FFFDFD

FFFDFD

Harmonies

Analogous

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



98FBCB



6BFDF4



5DFAFF

Triad

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



6BDFD4



FED8FF



FFDB9C

Complementary

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



6BDFD4



FD6B74

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.



FFCFB5



6BDFD4



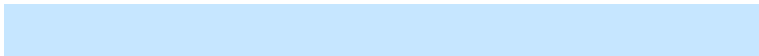
FFCCFF

Square

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



6BDFD4



C6E6FF



FFC9DA



F5E997

Rectangle

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



6BDFD4



75F6FF



FFC9DA



FFD7A3

Sweetspot

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



6BDFD4



D4FFFC



75FD6B



66807E



000000



808080

Same Dimension

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



6BDFD4



4FFFF4



6BBEFD



73807F



00BFB3



00403C

Inverse Universe

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



FD6B74



FF4F5A



FDAA6B



807374



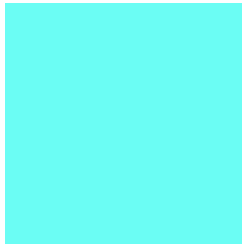
BF000C



400004

Previews

White Background



This preview shows how the Hex color 6BFD4 looks on a white background.

Color Contrast Check

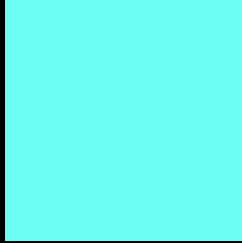
Large Text (above 18pt) WCAG AA × Fail

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 6BFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

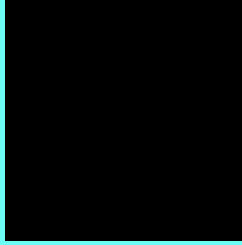
Any Text WCAG AA ✓ Pass

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 6BFD4 Background



This preview shows how black text looks on a background with the Hex color 6BFD4.

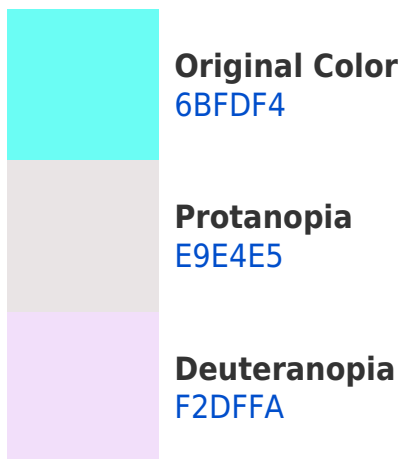


This preview shows how white text looks on a background with the Hex color 6BFD4.

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



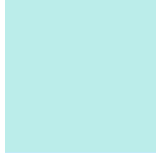


Tritanopia
ABF2FF

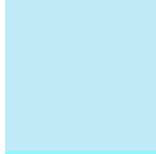
Trichromacy



Original Color
6BFDF4



Protanomaly
BBEDEA

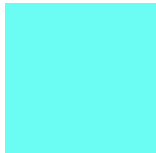


Deuteranomaly
C1EAF8

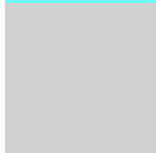


Tritanomaly
94F6FB

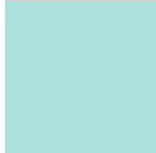
Monochromacy



Original Color
6BFDF4



Achromatopsia
D0D0D0



Achromatomaly
ABE0DD

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFD4 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 #6BFD4 looks like.

```
.text, #text, p{  
    color:#6BFD4  
}
```

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 #6BFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFD4  
}
```

Border

The CSS property to change the border of an element to Hex 6BFD4 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  
#6BFD4 }
```

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

```
.border{ border-color:#6BDFD4 }
```

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

Here you see how a box with a 4 pixel #6BDFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BDFD4; -webkit-box-shadow:4px 4px  
4px 4px #6BDFD4; box-shadow:4px 4px 4px  
4px #6BDFD4 }
```

Background

The CSS property to change the background color of an element to Hex 6BFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFD4 }
```

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

```
.background{ background-color:#6BFD4 }
```

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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