

Converting Colors

Hex(6FD8FD)

Have a look what the booklet for
Hex(6FD8FD) contains.

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Color

Hex(6FD8FD)

Conversions

Conversions Part 1

Format	Color
Hex	6FD8FD
RGB	111, 216, 253
RGB Percent	44%, 85%, 99%
CMY	0.5647, 0.1529, 0.0078
CMYK	0.56, 0.15, 0.00, 0.01
HSL	196°, 97%, 71%
HSV	196°, 56%, 99%
XYZ	48.8410, 59.5831, 101.8550
YIQ	188.8230, -74.4570, -10.7530

Conversions

Conversions Part 2

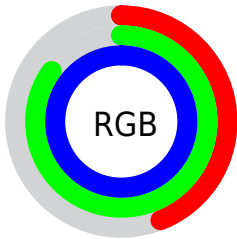
Format	Color
RYB	111, 171, 253
Decimal	7330045
CIELab	81.61, -20.25, -27.31
CIELCh	82, 33.997, 233.435
Yxy	59.5831, 0.2323, 0.2834
Android (android.graphics.Color)	4285520125 (0xFF6FD8FD)
YUV	188.8230, 31.6393, -68.2508
Hunter-Lab	77.1901, -22.1391, -24.2022

Details

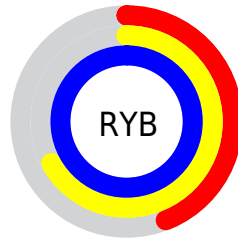
The Hex color **6FD8FD** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FD946F**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **ACFFFF**, and **27A1C4** is the 20% darker color. If you saturate the color by 10%, you get **56D1FD**, and if you desaturate by 10%, it is **88DFFD**.

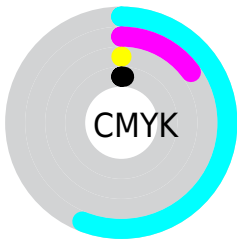
Distribution



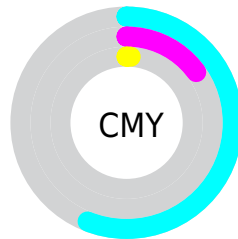
- Red (44%)
- Green (85%)
- Blue (99%)



- Red (44%)
- Yellow (67%)
- Blue (99%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (56%)
- Magenta (15%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD8FD 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 6FD8FD by changing the saturation by 10% instead.

 6FD8FD

 6FD8FD

FFFFFF

 4FBCE0

 ACFFFF

 27A1C4

 CAFFFF

 0087A9

 E8FFFF

 006D8E

 005575

 003D5C

 002744

 000E2E

 000119

■ 6FD8FD

■ 6FD8FD

■ 56D1FD

■ 88DFFD

■ 3CCBFD

■ A2E5FD

■ 23C4FD

■ BBECFD

■ 0ABEFD

■ D4F2FD

■ 00BBFD

■ EEF9FD

FFFFFD

Harmonies

Analogous

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



66DCE3



6FD8FD



97D0FF

Triad

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



6FD8FD



FFB4D3



C7D190

Complementary

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



6FD8FD



FD946F

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.



E8C68C



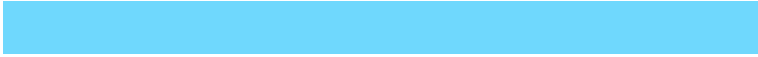
6FD8FD



FFB4B3

Square

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



6FD8FD



EDBAF1



FFBC99



A3D8A4

Rectangle

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



6FD8FD



B6C9FF



FFBC99



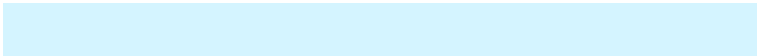
D3CD8C

Sweetspot

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



6FD8FD



D4F4FF



6FFD93



667980



000000



808080

Same Dimension

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



6FD8FD



54D2FF



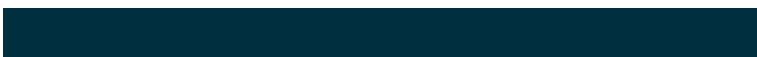
6F93FD



737C80



008DBF



002F40

Inverse Universe

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



FD6FD8



FF54D2



FDDA6F



80737C



BF008D



40002F

Previews

White Background



This preview shows how the Hex color 6FD8FD looks on a white background.

Color Contrast Check

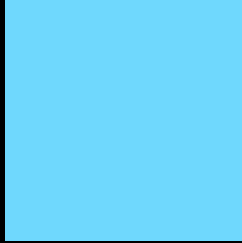
Large Text (above 18pt) WCAG AA × Fail

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 6FD8FD 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 6FD8FD Background



This preview shows how black text looks on a background with the Hex color 6FD8FD.



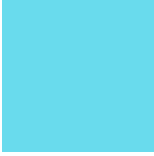
This preview shows how white text looks on a background with the Hex color 6FD8FD.

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](#).

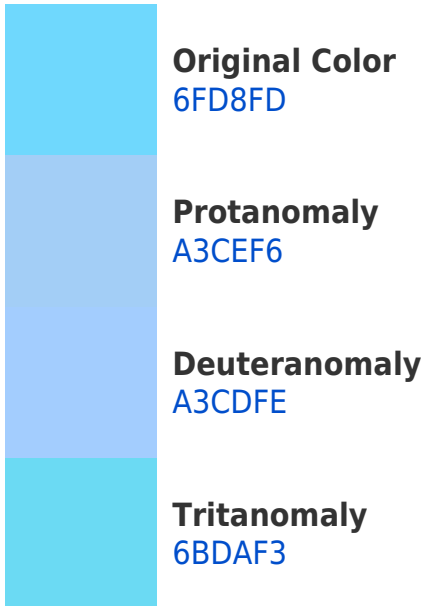
Dichromacy



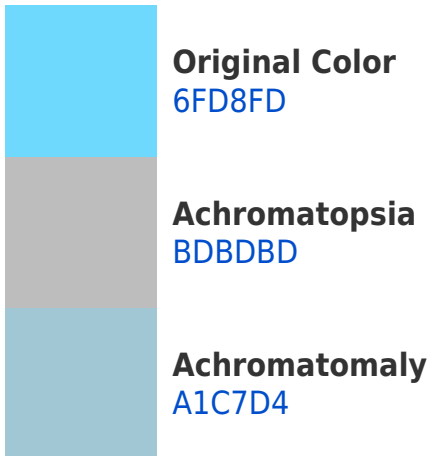


Tritanopia
69DBED

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD8FD 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 #6FD8FD looks like.

```
.text, #text, p{  
    color:#6FD8FD  
}
```

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 #6FD8FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD8FD
}
```

Border

The CSS property to change the border of an element to Hex 6FD8FD 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
#6FD8FD }
```

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

```
.border{ border-color:#6FD8FD }
```

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

Here you see how a box with a 4 pixel #6FD8FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD8FD; -webkit-box-shadow:4px 4px  
4px 4px #6FD8FD; box-shadow:4px 4px 4px  
4px #6FD8FD }
```

Background

The CSS property to change the background color of an element to Hex 6FD8FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD8FD }
```

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

```
.background{ background-color:#6FD8FD }
```

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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