

Converting Colors

Hex(6DFFFD)

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

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Color

Hex(6DFFFD)

Conversions

Conversions Part 1

Format	Color
Hex	6DFFFD
RGB	109, 255, 253
RGB Percent	43%, 100%, 99%
CMY	0.5725, 0.0000, 0.0078
CMYK	0.57, 0.00, 0.01, 0.00
HSL	179°, 100%, 71%
HSV	179°, 57%, 100%
XYZ	59.7963, 81.8631, 105.5781
YIQ	211.1180, -86.3740, -31.5740

Conversions

Conversions Part 2

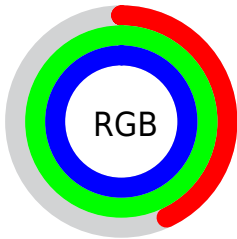
Format	Color
RYB	109, 183, 255
Decimal	7208957
CIELab	92.51, -39.30, -10.86
CIELCh	93, 40.776, 195.449
Yxy	81.8631, 0.2419, 0.3311
Android (android.graphics.Color)	4285399037 (0xFF6DFFFD)
YUV	211.1180, 20.6478, -89.5575
Hunter-Lab	90.4782, -40.3677, -5.8501

Details

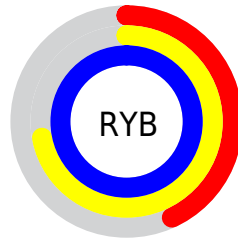
The Hex color **6DFFFF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF6D6F**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **ADFFFF**, and **16C6C4** is the 20% darker color. If you saturate the color by 10%, you get **54FFFD**, and if you desaturate by 10%, it is **87FFFD**.

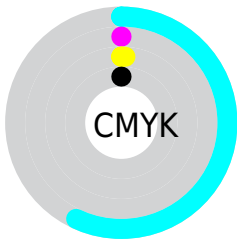
Distribution



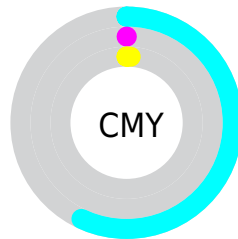
- Red (43%)
- Green (100%)
- Blue (99%)



- Red (43%)
- Yellow (72%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 6DFFFF

 6DFFFF

FFFFFF

 4AE2E0

 ADFFFF

 16C6C4

 CCFFFF

 00AAA9

 EBFFFF

 008F8F

 007575

 005C5D

 004345

 002C2F

 00111B

 6DFFFF

 6DFFFF

 54FFFF

 87FFFF

 3AFFFF

 A0FFFF

 21FFFF

 BAFFFF

 07FFFF

 D3FFFF

 00FFFF

 EDFFFF

FFFFFF

Harmonies

Analogous

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



95FED5



6DFFFD



6AFBFF

Triad

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



6DFFFD



FFD8FF



FFE19E

Complementary

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



6DFFFD



FF6D6F

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.



FFD4B3



6DFFFD



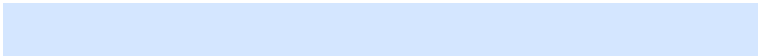
FFCEFE

Square

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



6DFFFD



D4E6FF



FFCCD6



F0EE9D

Rectangle

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



6DFFFD



85F6FF



FFCCD6



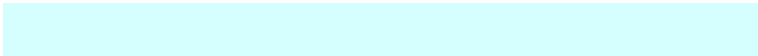
FFDCA3

Sweetspot

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



6DFFFD



D4FFFE



6FFF6D



66807F



000000



808080

Same Dimension

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



6DFFFD



4FFFD



6DB8FF



73807F



00BFBD



00403F

Inverse Universe

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



FF6D6F



FF4F51



FFB46D



807373



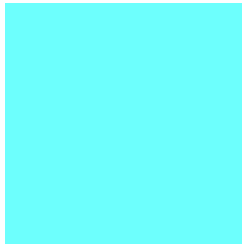
BF0003



400001

Previews

White Background



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

Color Contrast Check

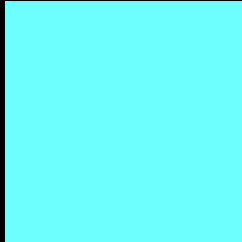
Large Text (above 18pt) WCAG AA × Fail

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 6DFFFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

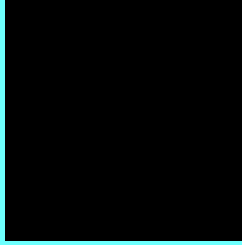
Any Text WCAG AA ✓ Pass

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 6DFFFD Background



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

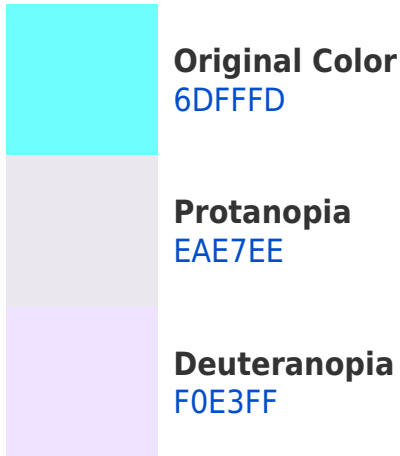


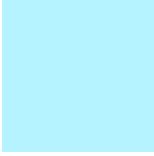
This preview shows how white text looks on a background with the Hex color 6DFFFD.

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
B4F3FF

Trichromacy



Original Color
6DFFFD



Protanomaly
BDF0F3



Deuteranomaly
C0EDFE

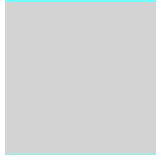


Tritanomaly
9AF7FE

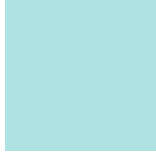
Monochromacy



Original Color
6DFFFD



Achromatopsia
D3D3D3



Achromatomaly
AEE3E2

CSS Examples

Text

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

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

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 #6DFFFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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