

Converting Colors

Hex(6DF6FF)

Have a look what the booklet for
Hex(6DF6FF) contains.

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Color

Hex(6DF6FF)

Conversions

Conversions Part 1

Format	Color
Hex	6DF6FF
RGB	109, 246, 255
RGB Percent	43%, 96%, 100%
CMY	0.5725, 0.0353, 0.0000
CMYK	0.57, 0.04, 0.00, 0.00
HSL	184°, 100%, 71%
HSV	184°, 57%, 100%
XYZ	57.3124, 76.3827, 106.3304
YIQ	206.0630, -84.5410, -26.2450

Conversions

Conversions Part 2

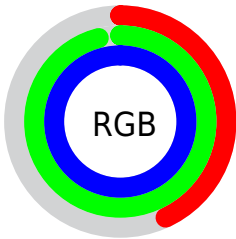
Format	Color
RYB	109, 180, 255
Decimal	7206655
CIELab	90.04, -34.64, -15.60
CIELCh	90, 37.991, 204.249
Yxy	76.3827, 0.2388, 0.3182
Android (android.graphics.Color)	4285396735 (0xFF6DF6FF)
YUV	206.0630, 24.1259, -85.1243
Hunter-Lab	87.3972, -35.8903, -10.9562

Details

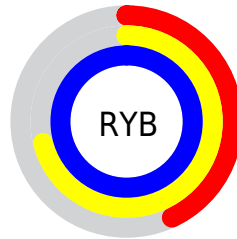
The Hex color **6DF6FF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FF766D**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **ACFFFF**, and **1ABDC6** is the 20% darker color. If you saturate the color by 10%, you get **54F4FF**, and if you desaturate by 10%, it is **87F8FF**.

Distribution



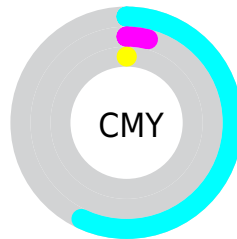
- Red (43%)
- Green (96%)
- Blue (100%)



- Red (43%)
- Yellow (71%)
- Blue (100%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DF6FF 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 6DF6FF by changing the saturation by 10% instead.

 6DF6FF

 6DF6FF

FFFFFF

 4AD9E2


 ACFFFF

 1ABDC6

 CBFFFF

 00A2AB

 EAFFFF

 008791

 006D77

 00545E

 003D47

 002730

 00021C

 6DF6FF

 6DF6FF

 54F4FF


 87F8FF

 3AF3FF

 A0F9FF

 21F1FF

 BAFBFF

 07F0FF

 D3FCFF

 00EFFF

 EDFEFF

FFFFFF

Harmonies

Analogous

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



8AF6DA



6DF6FF



79F1FF

Triad

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



6DF6FF



FFCFFF



FFDE9A

Complementary

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



6DF6FF



FF766D

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.



FFD2A9



6DF6FF



FFC8EB

Square

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



6DF6FF



DEDcff



FFC9C6



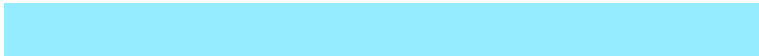
DDE99F

Rectangle

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



6DF6FF



96ECFF



FFC9C6



FFDA9D

Sweetspot

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



6DF6FF



D4FCFF



6DFF74



667E80



000000



808080

Same Dimension

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



6DF6FF



4FF4FF



6DAFFF



737F80



00B3BF



003C40

Inverse Universe

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



FF6DF6



FF4FF4



FFBD6D



80737F



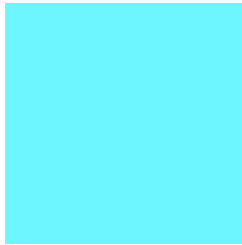
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 6DF6FF looks on a white background.

Color Contrast Check

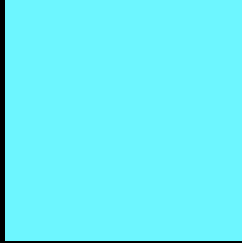
Large Text (above 18pt) WCAG AA × Fail

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 6DF6FF 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 6DF6FF Background



This preview shows how black text looks on a background with the Hex color 6DF6FF.

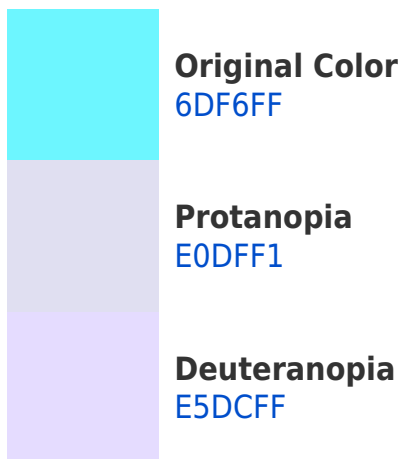


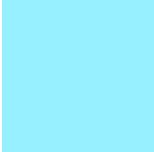
This preview shows how white text looks on a background with the Hex color 6DF6FF.

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



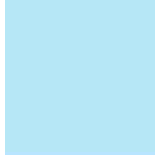


Tritanopia
97F0FF

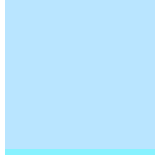
Trichromacy



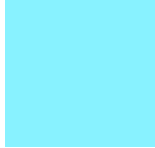
Original Color
6DF6FF



Protanomaly
B6E7F6



Deuteranomaly
B9E5FF

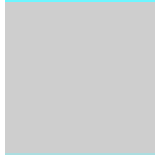


Tritanomaly
88F2FF

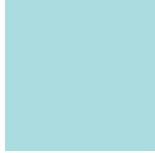
Monochromacy



Original Color
6DF6FF



Achromatopsia
CECECE



Achromatomaly
ABDDE0

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DF6FF 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 #6DF6FF looks like.

```
.text, #text, p{  
    color:#6DF6FF  
}
```

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 #6DF6FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DF6FF
}
```

Border

The CSS property to change the border of an element to Hex 6DF6FF 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
#6DF6FF }
```

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

```
.border{ border-color:#6DF6FF }
```

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

Here you see how a box with a 4 pixel #6DF6FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DF6FF; -webkit-box-shadow:4px 4px  
4px 4px #6DF6FF; box-shadow:4px 4px 4px  
4px #6DF6FF }
```

Background

The CSS property to change the background color of an element to Hex 6DF6FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DF6FF }
```

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

```
.background{ background-color:#6DF6FF }
```

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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