

Converting Colors

Hex(6DBFF6)

Have a look what the booklet for
Hex(6DBFF6) contains.

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Color

Hex(6DBFF6)

Conversions

Conversions Part 1

Format	Color
Hex	6DBFF6
RGB	109, 191, 246
RGB Percent	43%, 75%, 96%
CMY	0.5725, 0.2510, 0.0353
CMYK	0.56, 0.22, 0.00, 0.04
HSL	204°, 88%, 70%
HSV	204°, 56%, 96%
XYZ	41.5720, 47.1666, 94.1018
YIQ	172.7520, -66.5270, -0.2790

Conversions

Conversions Part 2

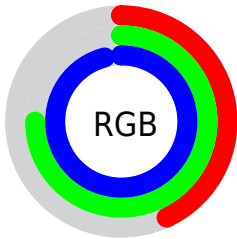
Format	Color
R _Y B	109, 160, 246
Decimal	7192566
CIE Lab	74.30, -9.67, -34.82
CIE LCh	74, 36.140, 254.484
Yxy	47.1666, 0.2274, 0.2580
Android (android.graphics.Color)	4285382646 (0xFF6DBFF6)
YUV	172.7520, 36.1113, -55.9105
Hunter-Lab	68.6780, -12.1371, -33.1639

Details

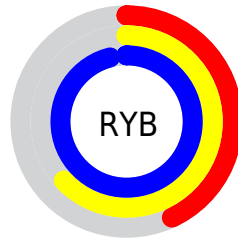
The Hex color **6DBFF6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F6A46D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9F7FF**, and **298ABD** is the 20% darker color. If you saturate the color by 10%, you get **54B5F6**, and if you desaturate by 10%, it is **86C9F6**.

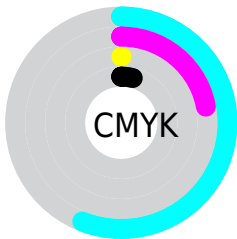
Distribution



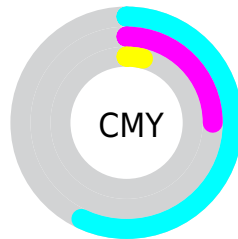
- Red (43%)
- Green (75%)
- Blue (96%)



- Red (43%)
- Yellow (63%)
- Blue (96%)



- Cyan (56%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (57%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DBFF6 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 6DBFF6 by changing the saturation by 10% instead.

 6DBFF6

 6DBFF6

FFFFFF

 4EA4D9

 A9F7FF

 298ABD

 C6FFFF

 0070A2

 E4FFFF

 005888

 00416E

 002B56

 00173E

 000328

 000111

■ 6DBFF6

■ 6DBFF6

■ 54B5F6

■ 86C9F6

■ 3CABF6

■ 9ED3F6

■ 23A1F6

■ B7DDF6

■ 0B97F6

■ CFE7F6

■ 0093F6

■ E8F0F6

■ FFFAF6

■ FFFFF6

Harmonies

Analogous

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



42C6E4



6DBFF6



A2B4F7

Triad

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



6DBFF6



F89EA8



98C286

Complementary

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



6DBFF6



F6A46D

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.



BDBA76



6DBFF6



F2A48A

Square

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



6DBFF6



ED9FC9



DCAF77



6FC8A4

Rectangle

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



6DBFF6



C1ACED



DCAF77



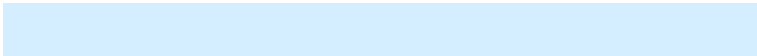
A5C07F

Sweetspot

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



6DBFF6



D4EEFF



6DF6A4



667580



000000



808080

Same Dimension

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



6DBFF6



54BAFF



6D7BF6



6E757A



006FBA



00233B

Inverse Universe

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



F66DBF



FF54BA



F6E86D



7A6E75



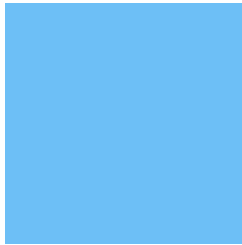
BA006F



3B0023

Previews

White Background



This preview shows how the Hex color 6DBFF6 looks on a white background.

Color Contrast Check

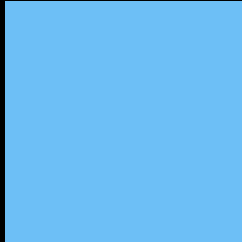
Large Text (above 18pt) WCAG AA × Fail

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 6DBFF6 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

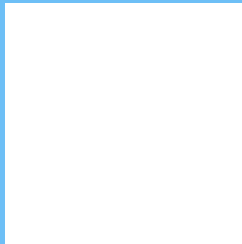
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6DBFF6 Background



This preview shows how black text looks on a background with the Hex color 6DBFF6.

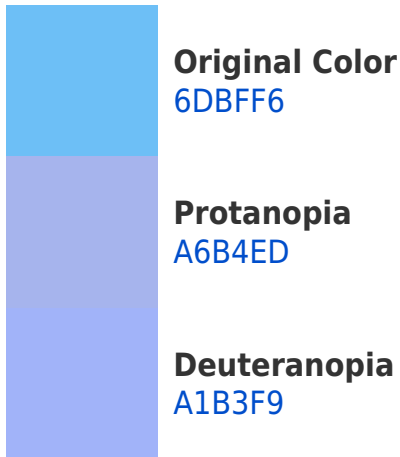


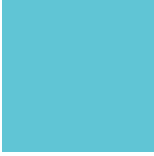
This preview shows how white text looks on a background with the Hex color 6DBFF6.

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](#).

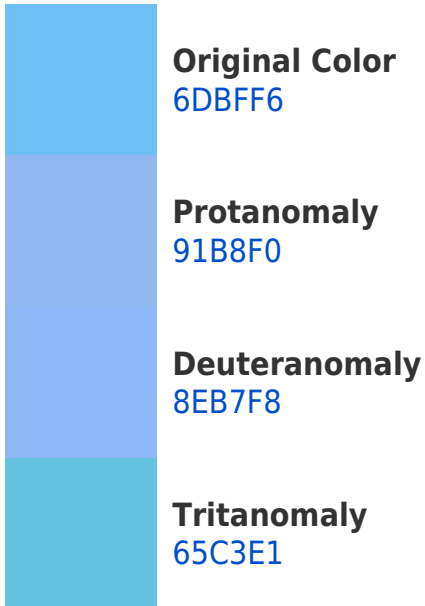
Dichromacy



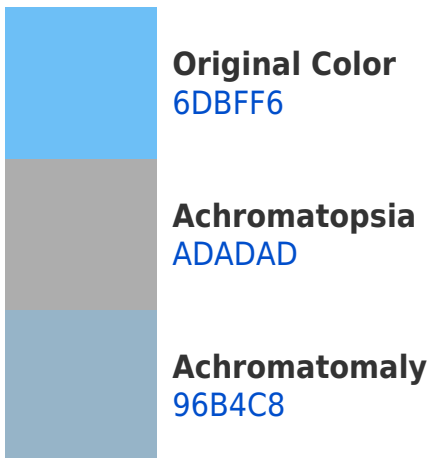


Tritanopia
60C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DBFF6 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 #6DBFF6 looks like.

```
.text, #text, p{  
    color:#6DBFF6  
}
```

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 #6DBFF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DBFF6
}
```

Border

The CSS property to change the border of an element to Hex 6DBFF6 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
#6DBFF6 }
```

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

```
.border{ border-color:#6DBFF6 }
```

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

Here you see how a box with a 4 pixel #6DBFF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DBFF6; -webkit-box-shadow:4px 4px  
4px 4px #6DBFF6; box-shadow:4px 4px 4px  
4px #6DBFF6 }
```

Background

The CSS property to change the background color of an element to Hex 6DBFF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DBFF6 }
```

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

```
.background{ background-color:#6DBFF6 }
```

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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