

Converting Colors

Hex(6DD7FF)

Have a look what the booklet for
Hex(6DD7FF) contains.

Hex(6DD7FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6DD7FF)

Conversions

Conversions Part 1

Format	Color
Hex	6DD7FF
RGB	109, 215, 255
RGB Percent	43%, 84%, 100%
CMY	0.5725, 0.1569, 0.0000
CMYK	0.57, 0.16, 0.00, 0.00
HSL	196°, 100%, 71%
HSV	196°, 57%, 100%
XYZ	48.6571, 59.0721, 103.4453
YIQ	187.8660, -76.0160, -10.0320

Conversions

Conversions Part 2

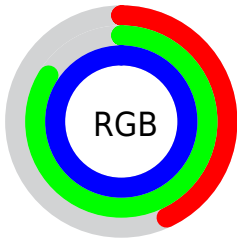
Format	Color
RYB	109, 170, 255
Decimal	7198719
CIELab	81.33, -19.55, -28.80
CIELCh	81, 34.810, 235.832
Yxy	59.0721, 0.2304, 0.2797
Android (android.graphics.Color)	4285388799 (0xFF6DD7FF)
YUV	187.8660, 33.0971, -69.1655
Hunter-Lab	76.8584, -21.4983, -25.9988

Details

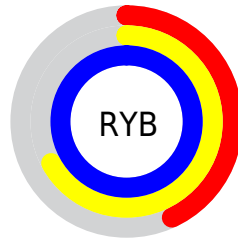
The Hex color **6DD7FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF956D**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **AAFFFF**, and **23A0C6** is the 20% darker color. If you saturate the color by 10%, you get **54D0FF**, and if you desaturate by 10%, it is **87DEFF**.

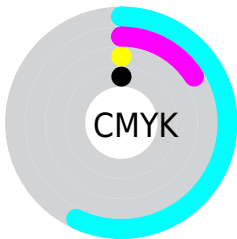
Distribution



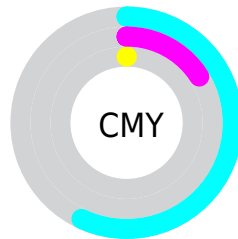
- Red (43%)
- Green (84%)
- Blue (100%)



- Red (43%)
- Yellow (67%)
- Blue (100%)



- Cyan (57%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DD7FF 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 6DD7FF by changing the saturation by 10% instead.

 6DD7FF

 6DD7FF

FFFFFF

 4CBBE2

 AAFFFF

 23A0C6

 C9FFFF

 0086AB

 E7FFFF

 006C90

 005476

 003D5E

 002746

 000D2F

 00011A

■ 6DD7FF

■ 6DD7FF

■ 54D0FF

■ 87DEFF

■ 3AC9FF

■ A0E5FF

■ 21C2FF

■ BAECFF

■ 07BBFF

■ D3F3FF

■ 00B9FF

■ EDFAFF

FFFFFF

Harmonies

Analogous

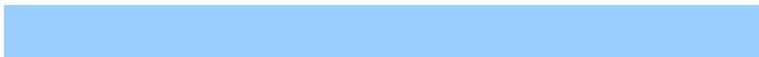
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60DBE5



6DD7FF



98CFFF

Triad

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



6DD7FF



FFB2D0



C3D18F

Complementary

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



6DD7FF



FF956D

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.



E5C689



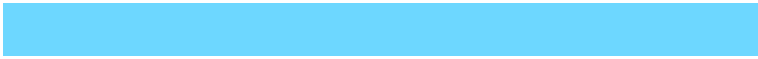
6DD7FF



FFB3AF

Square

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



6DD7FF



EFB8EF



FEBB95



9ED8A4

Rectangle

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



6DD7FF



B9C7FF



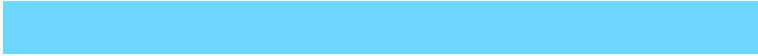
FEBB95



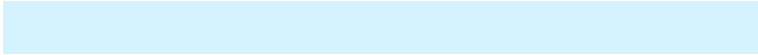
CFCE8B

Sweetspot

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



6DD7FF



D4F3FF



6DFF94



667980



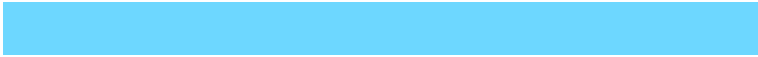
000000



808080

Same Dimension

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



6DD7FF



4FCFFF



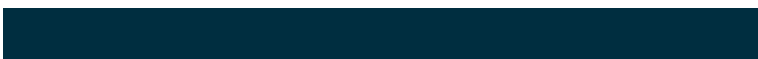
6D8FFF



737C80



008BBF



002E40

Inverse Universe

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



FF6DD7



FF4FCF



FFDD6D



80737C



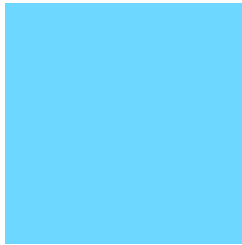
BF008B



40002E

Previews

White Background



This preview shows how the Hex color 6DD7FF looks on a white background.

Color Contrast Check

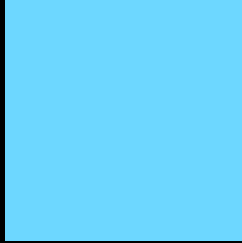
Large Text (above 18pt) WCAG AA × Fail

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 6DD7FF 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

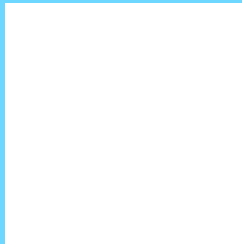
Any Text WCAG AAA ✓ Pass

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

Hex 6DD7FF Background



This preview shows how black text looks on a background with the Hex color 6DD7FF.

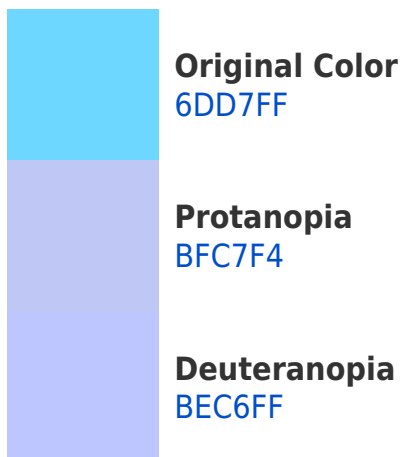


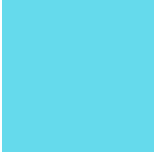
This preview shows how white text looks on a background with the Hex color 6DD7FF.

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](#).

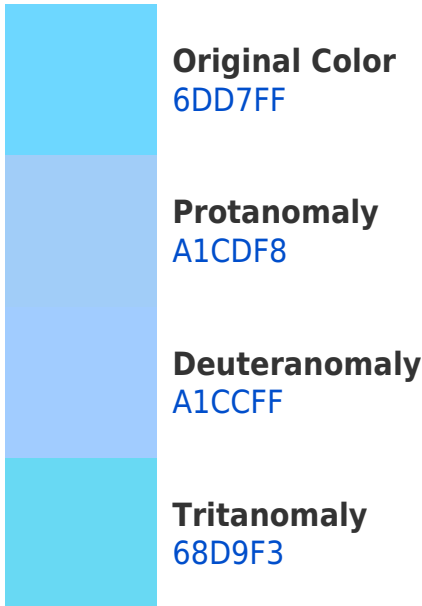
Dichromacy



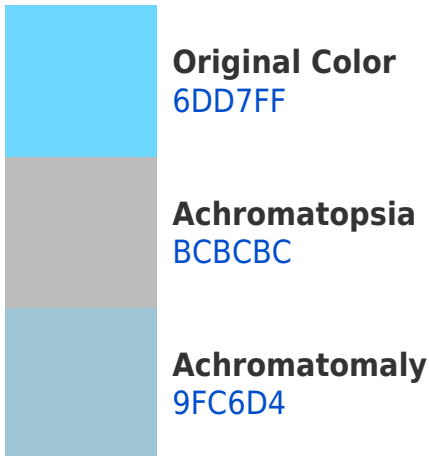


Tritanopia
65DAEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DD7FF 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 #6DD7FF looks like.

```
.text, #text, p{  
    color:#6DD7FF  
}
```

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 #6DD7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DD7FF  
}
```

Border

The CSS property to change the border of an element to Hex 6DD7FF 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  
#6DD7FF }
```

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

```
.border{ border-color:#6DD7FF }
```

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

Here you see how a box with a 4 pixel #6DD7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DD7FF; -webkit-box-shadow:4px 4px  
4px 4px #6DD7FF; box-shadow:4px 4px 4px  
4px #6DD7FF }
```

Background

The CSS property to change the background color of an element to Hex 6DD7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DD7FF }
```

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

```
.background{ background-color:#6DD7FF }
```

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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