

Converting Colors

Hex(75D9FE)

Have a look what the booklet for
Hex(75D9FE) contains.

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Color

Hex(75D9FE)

Conversions

Conversions Part 1

Format	Color
Hex	75D9FE
RGB	117, 217, 254
RGB Percent	46%, 85%, 100%
CMY	0.5412, 0.1490, 0.0039
CMYK	0.54, 0.15, 0.00, 0.00
HSL	196°, 99%, 73%
HSV	196°, 54%, 100%
XYZ	50.0384, 60.5634, 102.8185
YIQ	191.3180, -71.4770, -9.6930

Conversions

Conversions Part 2

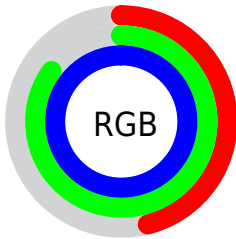
Format	Color
RYB	117, 175, 254
Decimal	7723518
CIELab	82.14, -19.30, -27.00
CIELCh	82, 33.192, 234.443
Yxy	60.5634, 0.2345, 0.2838
Android (android.graphics.Color)	4285913598 (0xFF75D9FE)
YUV	191.3180, 30.9022, -65.1769
Hunter-Lab	77.8225, -21.4172, -23.8578

Details

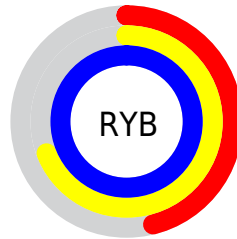
The Hex color **75D9FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE9A75**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B1FFFF**, and **32A2C5** is the 20% darker color. If you saturate the color by 10%, you get **5CD2FE**, and if you desaturate by 10%, it is **8EE0FE**.

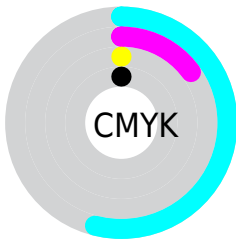
Distribution



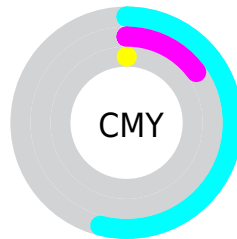
- Red (46%)
- Green (85%)
- Blue (100%)



- Red (46%)
- Yellow (69%)
- Blue (100%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75D9FE 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 75D9FE by changing the saturation by 10% instead.

 75D9FE

 75D9FE

FFFFFF

 56BDE1


 B1FFFF

 32A2C5

 CFFFFFF

 0088AA

 EDFFFF

 006E8F

 005676

 003E5D

 002845

 00112F

 000119

 75D9FE

 75D9FE

 5CD2FE

 8EE0FE

 42CBFE

 A8E7FE

 29C4FE

 C1EEFE

 0FBEFE

 DBF4FE

 00B9FE

 F4FBFE

FFFFFFE

Harmonies

Analogous

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



6BDDE5



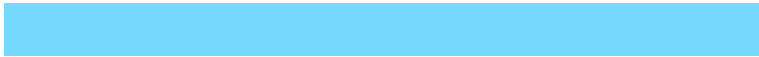
75D9FE



9CD1FF

Triad

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



75D9FE



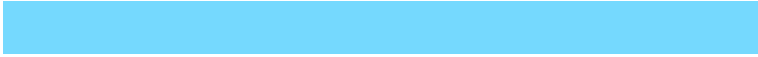
FFB6D3



C8D293

Complementary

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



75D9FE



FE9A75

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.



E8C88E



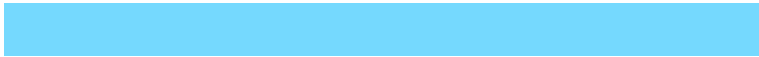
75D9FE



FFB7B4

Square

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



75D9FE



EFBCF1



FFBE9B



A4D9A7

Rectangle

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



75D9FE



BACAFF



FFBE9B



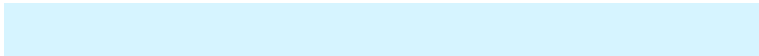
D3CF90

Sweetspot

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



75D9FE



D6F4FF



75FE9A



677980



000000



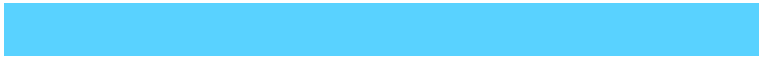
808080

Same Dimension

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



75D9FE



59D2FF



7595FE



737C80



008CBF



002F40

Inverse Universe

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



FE75D9



FF59D2



FEDE75



80737C



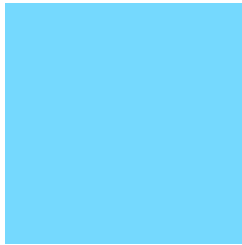
BF008C



40002F

Previews

White Background



This preview shows how the Hex color 75D9FE looks on a white background.

Color Contrast Check

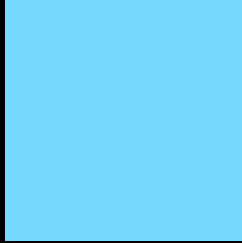
Large Text (above 18pt) WCAG AA × Fail

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 75D9FE 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 75D9FE Background



This preview shows how black text looks on a background with the Hex color 75D9FE.

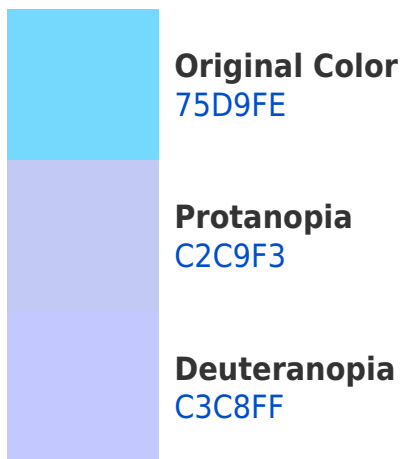


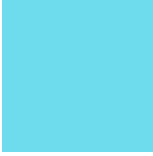
This preview shows how white text looks on a background with the Hex color 75D9FE.

Color Blindness Simulation

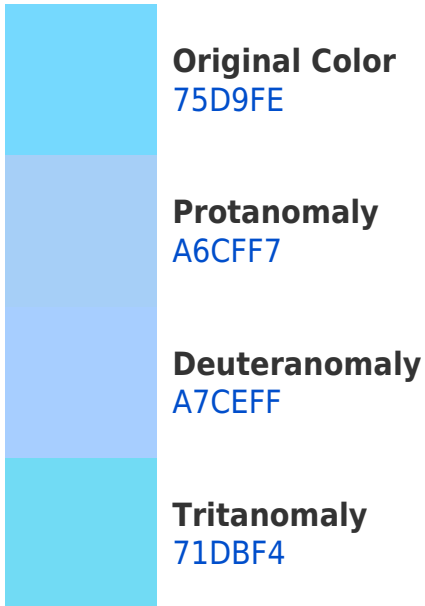
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

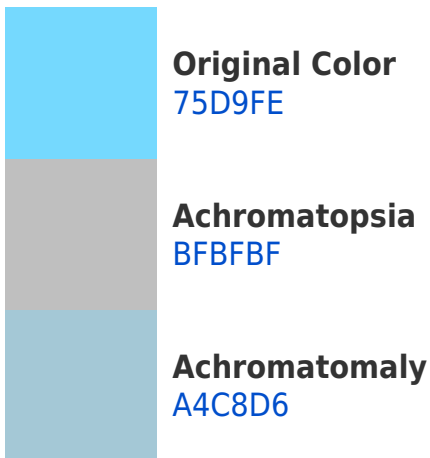




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75D9FE 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 #75D9FE looks like.

```
.text, #text, p{  
    color:#75D9FE  
}
```

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 #75D9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D9FE
}
```

Border

The CSS property to change the border of an element to Hex 75D9FE 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
#75D9FE }
```

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

```
.border{ border-color:#75D9FE }
```

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

Here you see how a box with a 4 pixel #75D9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D9FE; -webkit-box-shadow:4px 4px  
4px 4px #75D9FE; box-shadow:4px 4px 4px  
4px #75D9FE }
```

Background

The CSS property to change the background color of an element to Hex 75D9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D9FE }
```

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

```
.background{ background-color:#75D9FE }
```

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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