

# Converting Colors

Hex(73D9FE)

Have a look what the booklet for  
Hex(73D9FE) contains.

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# **Color**

**Hex(73D9FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73D9FE
RGB	115, 217, 254
RGB Percent	45%, 85%, 100%
CMY	0.5490, 0.1490, 0.0039
CMYK	0.55, 0.15, 0.00, 0.00
HSL	196°, 99%, 72%
HSV	196°, 55%, 100%
XYZ	49.7725, 60.4263, 102.8061
YIQ	190.7200, -72.6690, -10.1170

# Conversions

## Conversions Part 2

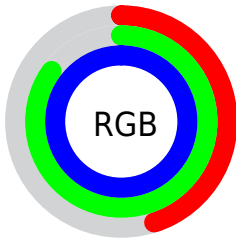
Format	Color
R <sub>Y</sub> B	115, 174, 254
Decimal	7592446
CIE Lab	82.07, -19.70, -27.12
CIE LCh	82, 33.521, 234.010
Yxy	60.4263, 0.2337, 0.2837
Android (android.graphics.Color)	4285782526 (0xFF73D9FE)
YUV	190.7200, 31.1970, -66.4064
Hunter-Lab	77.7344, -21.7435, -23.9988

# Details

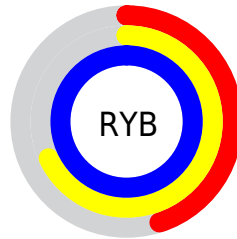
The Hex color **73D9FE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FE9873**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **AFFFFFF**, and **2EA2C5** is the 20% darker color. If you saturate the color by 10%, you get **5AD2FE**, and if you desaturate by 10%, it is **8CE0FE**.

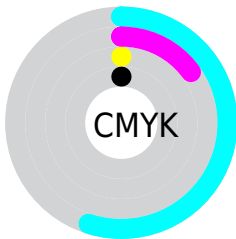
# Distribution



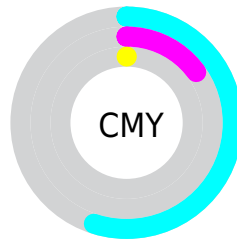
- Red (45%)
- Green (85%)
- Blue (100%)



- Red (45%)
- Yellow (68%)
- Blue (100%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73D9FE 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 73D9FE by changing the saturation by 10% instead.



 73D9FE

 73D9FE

FFFFFF

 53BDE1


 AFFFFFF

 2EA2C5

 CEFFFF

 0088AA

 ECFFFF

 006E8F

 005676

 003E5D

 002845

 00112F

 000119

 73D9FE

 73D9FE

 5AD2FE

 8CE0FE

 40CBFE

 A6E7FE

 27C5FE

 BFEDFE

 0DBEFE

 D9F4FE

 00BAFE

 F2FBFE

FFFFFFE

# Harmonies

## Analogous

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



69DDE5



73D9FE



9AD1FF

# Triad

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



73D9FE



FFB5D4



C8D292

# Complementary

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



73D9FE



FE9873

# 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



73D9FE



FFB6B4

# Square

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



73D9FE



EEBCF1



FFBD9A



A4D9A6

# Rectangle

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



73D9FE



B9CAFF



FFBD9A



D3CF8F

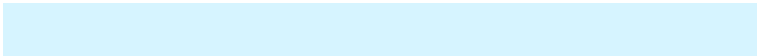


# Sweetspot

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



73D9FE



D6F4FF



73FE96



677980



000000



808080



# Same Dimension

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



73D9FE



57D2FF



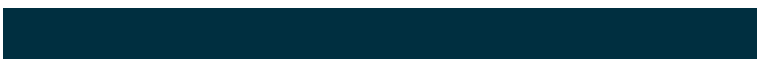
7396FE



737C80



008CBF



002F40



# Inverse Universe

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



FE73D9



FF57D2



FEDB73



80737C



BF008C

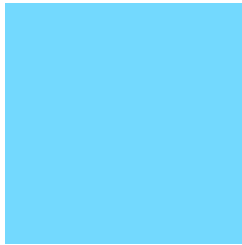


40002F



# Previews

## White Background



This preview shows how the Hex color 73D9FE looks on a white background.

## Color Contrast Check

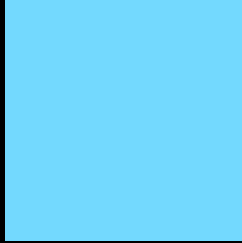
Large Text (above 18pt) WCAG AA × Fail

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 73D9FE 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 73D9FE Background



This preview shows how black text looks on a background with the Hex color 73D9FE.

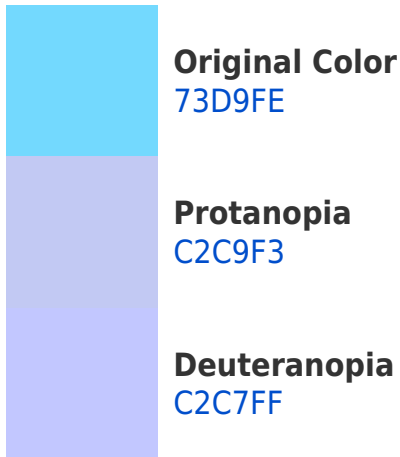


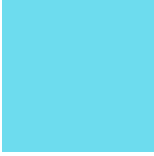
This preview shows how white text looks on a background with the Hex color 73D9FE.

# 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**  
6DDCEE

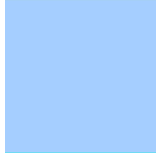
# Trichromacy



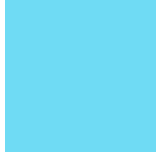
**Original Color**  
73D9FE



**Protanomaly**  
A5CFF7



**Deuteranomaly**  
A5CEFF

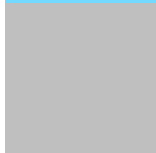


**Tritanomaly**  
6FDBF4

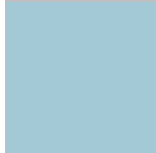
# Monochromacy



**Original Color**  
73D9FE



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A3C8D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73D9FE 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 #73D9FE looks like.

```
.text, #text, p{  
    color:#73D9FE  
}
```

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 #73D9FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73D9FE
}
```

## Border

The CSS property to change the border of an element to Hex 73D9FE 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
#73D9FE }
```

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

```
.border{ border-color:#73D9FE }
```

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

Here you see how a box with a 4 pixel #73D9FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73D9FE; -webkit-box-shadow:4px 4px  
4px 4px #73D9FE; box-shadow:4px 4px 4px  
4px #73D9FE }
```

# Background

The CSS property to change the background color of an element to Hex 73D9FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73D9FE }
```

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

```
.background{ background-color:#73D9FE }
```

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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