

Converting Colors

Hex(75EAFD)

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

Hex(75EAFD)	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(75EAFD)

Conversions

Conversions Part 1

Format	Color
Hex	75EAFD
RGB	117, 234, 253
RGB Percent	46%, 92%, 99%
CMY	0.5412, 0.0824, 0.0078
CMYK	0.54, 0.08, 0.00, 0.01
HSL	188°, 97%, 73%
HSV	188°, 54%, 99%
XYZ	54.4886, 69.7194, 103.5138
YIQ	201.1830, -75.8310, -18.8950

Conversions

Conversions Part 2

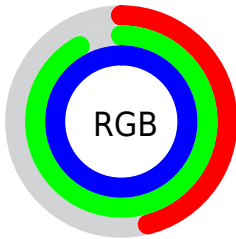
Format	Color
RYB	117, 180, 253
Decimal	7727869
CIELab	86.86, -28.00, -19.31
CIELCh	87, 34.013, 214.600
Yxy	69.7194, 0.2393, 0.3062
Android (android.graphics.Color)	4285917949 (0xFF75EAFD)
YUV	201.1830, 25.5458, -73.8285
Hunter-Lab	83.4981, -29.6376, -15.0540

Details

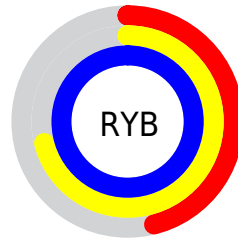
The Hex color **75EAFD** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FD8875**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B2FFFF**, and **30B2C4** is the 20% darker color. If you saturate the color by 10%, you get **5CE6FD**, and if you desaturate by 10%, it is **8EEEEFD**.

Distribution



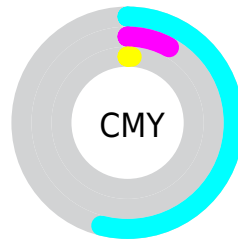
- Red (46%)
- Green (92%)
- Blue (99%)



- Red (46%)
- Yellow (71%)
- Blue (99%)



- Cyan (54%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (54%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

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

 75EAFD

 75EAFD

FFFFFF

 55CEE0

 B2FFFF

 30B2C4

 D0FFFF

 0097A9

 EFFFFFF

 007D8F

 006475

 004B5C

 003445

 00212E

 00011A

■ 75EAFD

■ 75EAFD

■ 5CE6FD

■ 8EEEEFD

■ 42E3FD

■ A8F1FD

■ 29DFFD

■ C1F5FD

■ 10DCFD

■ DAF8FD

■ 00DAFD

■ F3FCFD

FFFFFD

Harmonies

Analogous

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



82ECDE



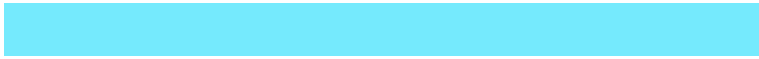
75EAFD



8BE4FF

Triad

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



75EAFD



FFC6F6



ECD999

Complementary

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



75EAFD



FD8875

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.



FFCEA0



75EAFD



FFC2D6

Square

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



75EAFD



E5CFFF



FFC5B6



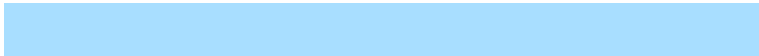
C9E3A4

Rectangle

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



75EAFD



A8DEFF



FFC5B6



F6D599

Sweetspot

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



75EAFD



D6F9FF



75FD87



677C80



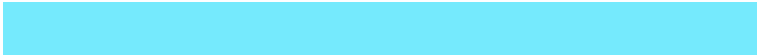
000000



808080

Same Dimension

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



75EAFD



59E8FF



75A7FD



737E80



00A5BF



003740

Inverse Universe

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



FD75EA



FF59E8



FDCB75



80737E



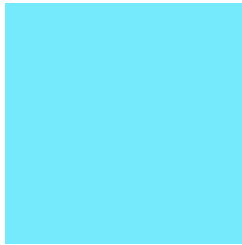
BF00A5



400037

Previews

White Background



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

Color Contrast Check

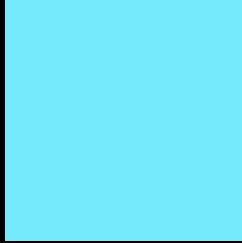
Large Text (above 18pt) WCAG AA × Fail

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 75EAFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

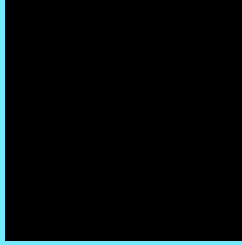
Any Text WCAG AA ✓ Pass

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 75EAFD Background



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

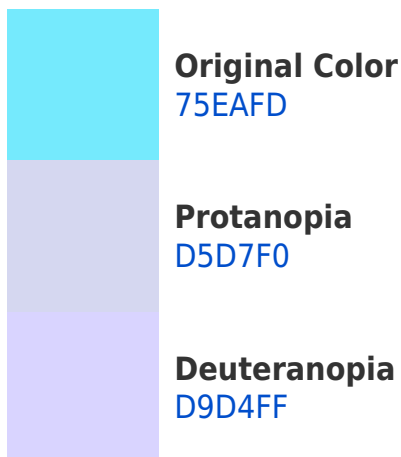


This preview shows how white text looks on a background with the Hex color 75EAFD.

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](#).

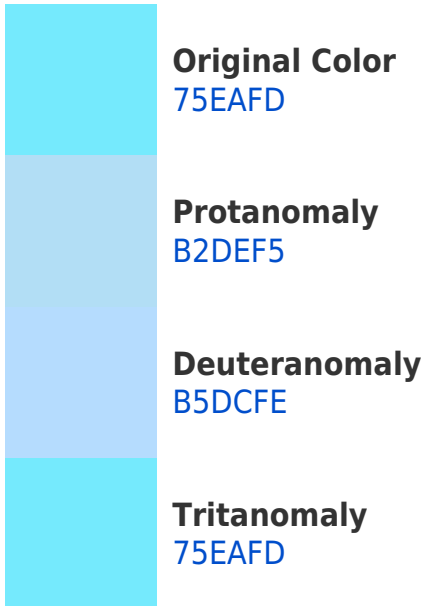
Dichromacy



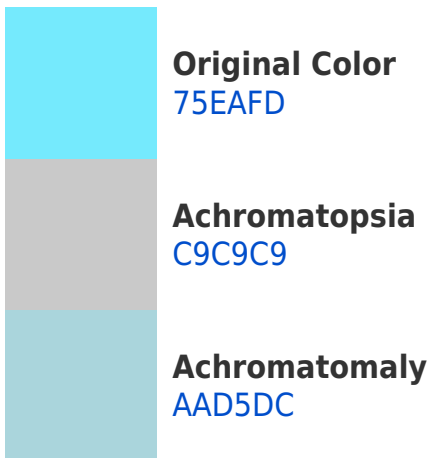


Tritanopia
75EAFD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #75EAFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor