

Converting Colors

Hex(75EDF9)

Have a look what the booklet for
Hex(75EDF9) contains.

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Color

Hex(75EDF9)

Conversions

Conversions Part 1

Format	Color
Hex	75EDF9
RGB	117, 237, 249
RGB Percent	46%, 93%, 98%
CMY	0.5412, 0.0706, 0.0235
CMYK	0.53, 0.05, 0.00, 0.02
HSL	185°, 92%, 72%
HSV	185°, 53%, 98%
XYZ	54.7192, 71.1898, 100.4795
YIQ	202.4880, -75.3720, -21.7080

Conversions

Conversions Part 2

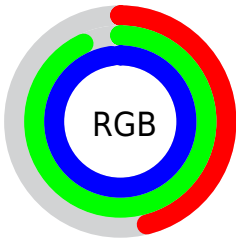
Format	Color
R _Y B	117, 180, 249
Decimal	7728633
CIE Lab	87.58, -30.51, -16.14
CIE LCh	88, 34.511, 207.874
Yxy	71.1898, 0.2417, 0.3145
Android (android.graphics.Color)	4285918713 (0xFF75EDF9)
YUV	202.4880, 22.9304, -74.9730
Hunter-Lab	84.3741, -31.8919, -11.5455

Details

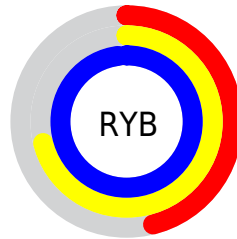
The Hex color **75EDF9** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F98175**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B2FFFF**, and **30B5C1** is the 20% darker color. If you saturate the color by 10%, you get **5CEBF9**, and if you desaturate by 10%, it is **8EEFF9**.

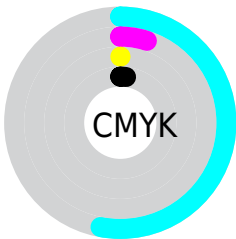
Distribution



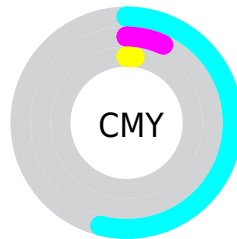
- Red (46%)
- Green (93%)
- Blue (98%)



- Red (46%)
- Yellow (71%)
- Blue (98%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (54%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EDF9 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 75EDF9 by changing the saturation by 10% instead.

 75EDF9

 75EDF9

FFFFFF

 55D1DC

 B2FFFF

 30B5C1

 D0FFFF

 009AA5

 EFFFFFF

 007F8B

 006672

 004D59

 003642

 00222B

 000117

 75EDF9

 75EDF9

 5CEBF9

 8EEFF9

 43E8F9

 A7F2F9

 2AE6F9

 C0F4F9

 11E4F9

 D9F6F9

 00E2F9

 F2F8F9

 FFFBF9

 FFFDF9

 FFFFF9

Harmonies

Analogous

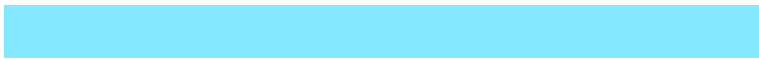
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89EED8



75EDF9



84E8FF

Triad

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



75EDF9



FFC9FF



F5D99A

Complementary

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



75EDF9



F98175

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.



FFCEA5



75EDF9



FFC3DF

Square

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



75EDF9



DDD4FF



FFC5BE



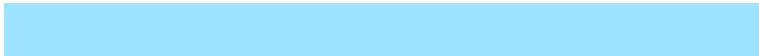
D3E3A1

Rectangle

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



75EDF9



9EE3FF



FFC5BE



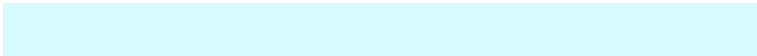
FFD59C

Sweetspot

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



75EDF9



D6FBFF



75F980



677D80



000000



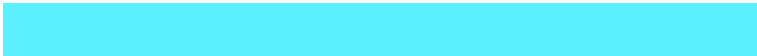
808080

Same Dimension

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



75EDF9



5CF0FF



75ACF9



707C7D



00ACBD



00383D

Inverse Universe

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



F975ED



FF5CF0



F9C275



7D707C



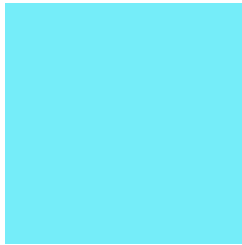
BD00AC



3D0038

Previews

White Background



This preview shows how the Hex color 75EDF9 looks on a white background.

Color Contrast Check

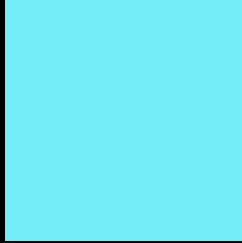
Large Text (above 18pt) WCAG AA × Fail

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 75EDF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

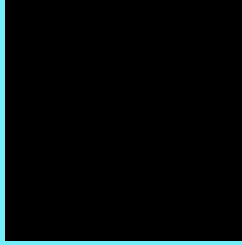
Any Text WCAG AA ✓ Pass

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 75EDF9 Background



This preview shows how black text looks on a background with the Hex color 75EDF9.

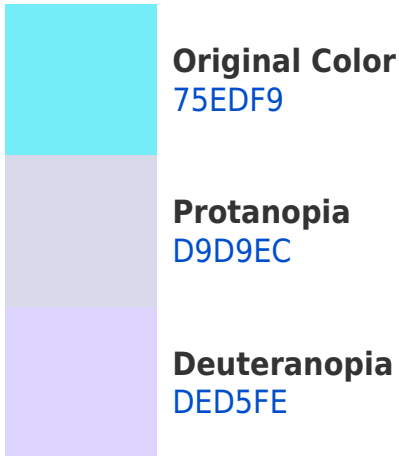


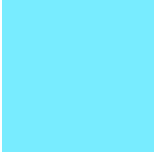
This preview shows how white text looks on a background with the Hex color 75EDF9.

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



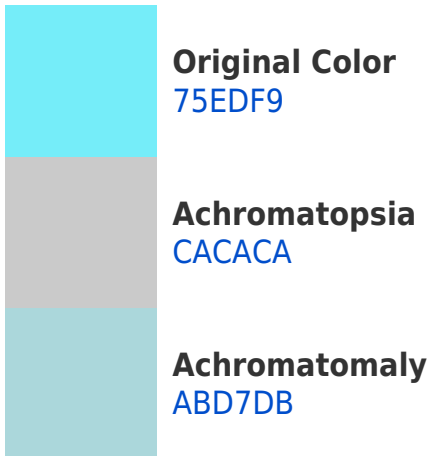


Tritanopia
78ECFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75EDF9 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 #75EDF9 looks like.

```
.text, #text, p{  
    color:#75EDF9  
}
```

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 #75EDF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EDF9
}
```

Border

The CSS property to change the border of an element to Hex 75EDF9 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
#75EDF9 }
```

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

```
.border{ border-color:#75EDF9 }
```

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

Here you see how a box with a 4 pixel #75EDF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EDF9; -webkit-box-shadow:4px 4px  
4px 4px #75EDF9; box-shadow:4px 4px 4px  
4px #75EDF9 }
```

Background

The CSS property to change the background color of an element to Hex 75EDF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EDF9 }
```

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

```
.background{ background-color:#75EDF9 }
```

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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