

Converting Colors

Hex(76E9F2)

Have a look what the booklet for
Hex(76E9F2) contains.

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Color

Hex(76E9F2)

Conversions

Conversions Part 1

Format	Color
Hex	76E9F2
RGB	118, 233, 242
RGB Percent	46%, 91%, 95%
CMY	0.5373, 0.0863, 0.0510
CMYK	0.51, 0.04, 0.00, 0.05
HSL	184°, 83%, 71%
HSV	184°, 51%, 95%
XYZ	52.6371, 68.5402, 94.4597
YIQ	199.6410, -71.4290, -21.5810

Conversions

Conversions Part 2

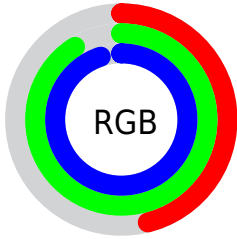
Format	Color
RYB	118, 178, 242
Decimal	7793138
CIELab	86.28, -30.24, -14.41
CIElCh	86, 33.500, 205.477
Yxy	68.5402, 0.2441, 0.3178
Android (android.graphics.Color)	4285983218 (0xFF76E9F2)
YUV	199.6410, 20.8830, -71.5992
Hunter-Lab	82.7890, -31.3907, -9.6958

Details

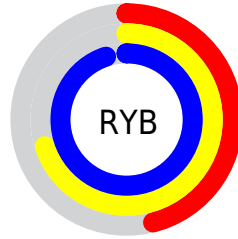
The Hex color **76E9F2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F27F76**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B2FFFF**, and **33B1BA** is the 20% darker color. If you saturate the color by 10%, you get **5EE7F2**, and if you desaturate by 10%, it is **8EEBF2**.

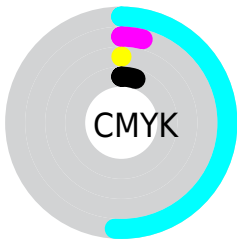
Distribution



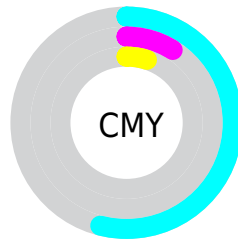
- Red (46%)
- Green (91%)
- Blue (95%)



- Red (46%)
- Yellow (70%)
- Blue (95%)



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76E9F2 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 76E9F2 by changing the saturation by 10% instead.

 76E9F2

 76E9F2

FFFFFF

 57CDD6

 B2FFFF

 33B1BA

 D0FFFF

 00969F

 EEEFFF

 007C85

 00626C

 004A53

 00333C

 001F26

 000112

 76E9F2

 76E9F2

 5EE7F2

 8EEBF2

 46E5F2

 A6EDF2

 2DE4F2

 BFEEF2

 15E2F2

 D7F0F2

 00E0F2

 EFF2F2

 FFF4F2

 FFF5F2

 FFF7F2

 FFF9F2

Harmonies

Analogous

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



8BE9D2



76E9F2



81E5FF

Triad

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



76E9F2



FCC7FC



F3D499

Complementary

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



76E9F2



F27F76

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.



FFCAA5



76E9F2



FFC1DE

Square

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



76E9F2



D6D1FF



FFC2BE



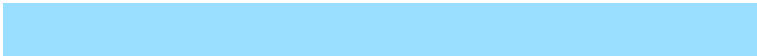
D2DE9E

Rectangle

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



76E9F2



9ADFFF



FFC2BE



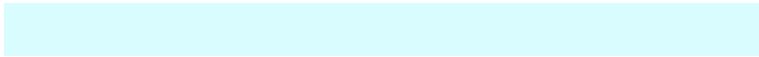
FDD19B

Sweetspot

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



76E9F2



D9FCFF



76F27E



697E80



000000



808080

Same Dimension

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



76E9F2



63F4FF



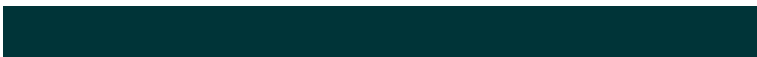
76ACF2



6C7778



00AAB8



003438

Inverse Universe

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



F276E9



FF63F4



F2BC76



786C77



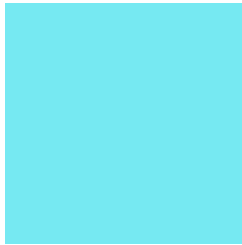
B800AA



380034

Previews

White Background



This preview shows how the Hex color 76E9F2 looks on a white background.

Color Contrast Check

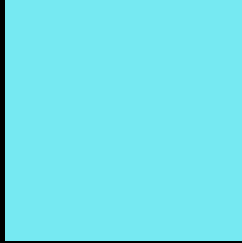
Large Text (above 18pt) WCAG AA × Fail

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 76E9F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

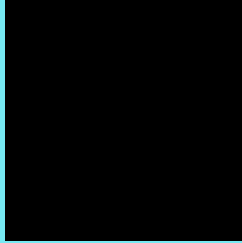
Any Text WCAG AA ✓ Pass

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 76E9F2 Background



This preview shows how black text looks on a background with the Hex color 76E9F2.

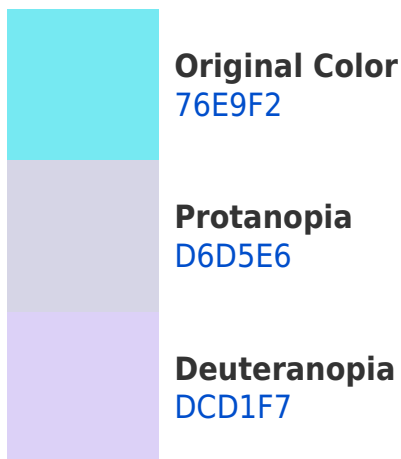


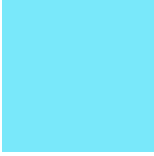
This preview shows how white text looks on a background with the Hex color 76E9F2.

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



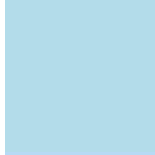


Tritanopia
79E8FA

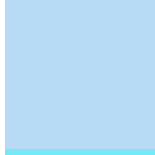
Trichromacy



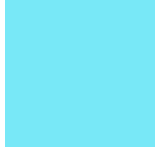
Original Color
76E9F2



Protanomaly
B3DCEA



Deuteranomaly
B7DAF5

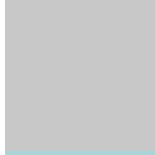


Tritanomaly
78E8F7

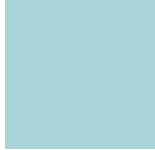
Monochromacy



Original Color
76E9F2



Achromatopsia
C8C8C8



Achromatomaly
AAD4D7

CSS Examples

Text

The CSS property to change the color of the text to Hex 76E9F2 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 #76E9F2 looks like.

```
.text, #text, p{  
    color:#76E9F2  
}
```

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 #76E9F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E9F2
}
```

Border

The CSS property to change the border of an element to Hex 76E9F2 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
#76E9F2 }
```

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

```
.border{ border-color:#76E9F2 }
```

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

Here you see how a box with a 4 pixel #76E9F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E9F2; -webkit-box-shadow:4px 4px  
4px 4px #76E9F2; box-shadow:4px 4px 4px  
4px #76E9F2 }
```

Background

The CSS property to change the background color of an element to Hex 76E9F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E9F2 }
```

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

```
.background{ background-color:#76E9F2 }
```

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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