

Converting Colors

Hex(76CEF2)

Have a look what the booklet for
Hex(76CEF2) contains.

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Color

Hex(76CEF2)

Conversions

Conversions Part 1

Format	Color
Hex	76CEF2
RGB	118, 206, 242
RGB Percent	46%, 81%, 95%
CMY	0.5373, 0.1922, 0.0510
CMYK	0.51, 0.15, 0.00, 0.05
HSL	197°, 83%, 71%
HSV	197°, 51%, 95%
XYZ	45.5695, 54.4050, 92.1038
YIQ	183.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

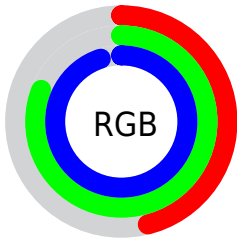
Format	Color
R _{YB}	118, 169, 242
Decimal	7786226
CIE Lab	78.70, -16.84, -25.88
CIE LCh	79, 30.876, 236.941
Yxy	54.4050, 0.2372, 0.2832
Android (android.graphics.Color)	4285976306 (0xFF76CEF2)
YUV	183.7920, 28.6965, -57.6996
Hunter-Lab	73.7597, -18.8003, -22.4037

Details

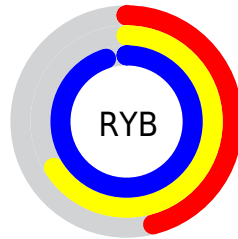
The Hex color **76CEF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F29A76**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B1FFFF**, and **3798BA** is the 20% darker color. If you saturate the color by 10%, you get **5EC7F2**, and if you desaturate by 10%, it is **8ED5F2**.

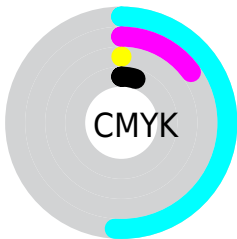
Distribution



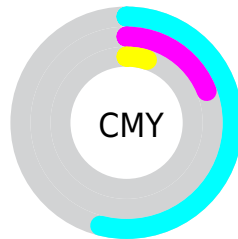
- Red (46%)
- Green (81%)
- Blue (95%)



- Red (46%)
- Yellow (66%)
- Blue (95%)



- Cyan (51%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)



- Cyan (54%)
- Magenta (19%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76CEF2 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 76CEF2 by changing the saturation by 10% instead.

 76CEF2

 76CEF2

FFFFFF

 58B2D6

 B1FFFF

 3798BA

 CEFFFF

 027E9F

 ECFFFF


 006585

 004D6B

 003653

 00213C

 000326

 00010F

 76CEF2

 76CEF2

 5EC7F2

 8ED5F2

 46C0F2

 A6DCF2

 2DB9F2

 BFE3F2

 15B2F2

 D7EAF2

 00ACF2

 EFF1F2

 FFF8F2

 FFFFF2

Harmonies

Analogous

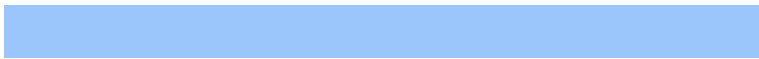
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6AD2DC



76CEF2



9AC6FC

Triad

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



76CEF2



F9AEC7



BCC98F

Complementary

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



76CEF2



F29A76

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.



DAC08A



76CEF2



FCAFAA

Square

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



76CEF2



E5B3E2



F1B694



9BCFA3

Rectangle

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



76CEF2



B6C0F9



F1B694



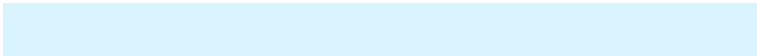
C7C68B

Sweetspot

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



76CEF2



D9F4FF



76F299



697980



000000



808080

Same Dimension

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



76CEF2



63D2FF



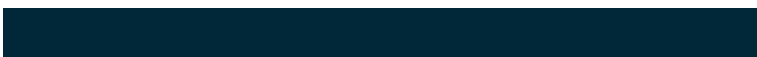
7691F2



6C7478



0082B8



002838

Inverse Universe

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



F276CE



FF63D2



F2D776



786C74



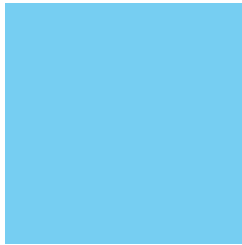
B80082



380028

Previews

White Background



This preview shows how the Hex color 76CEF2 looks on a white background.

Color Contrast Check

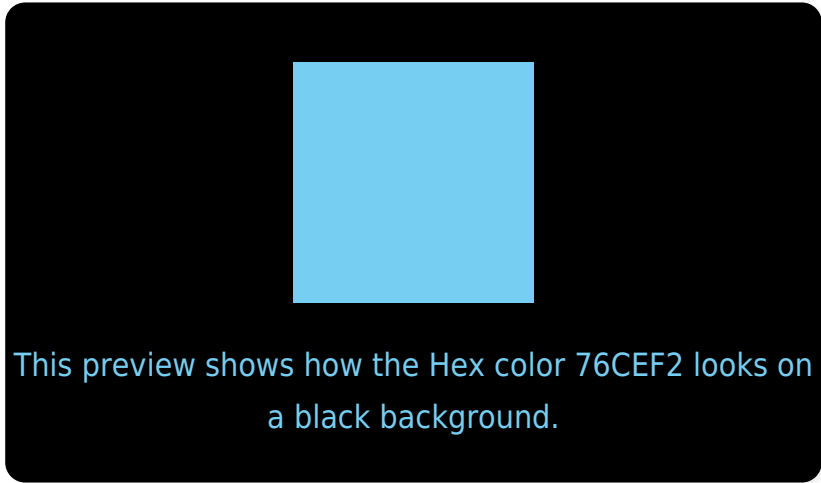
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 76CEF2 Background



This preview shows how black text looks on a background with the Hex color 76CEF2.

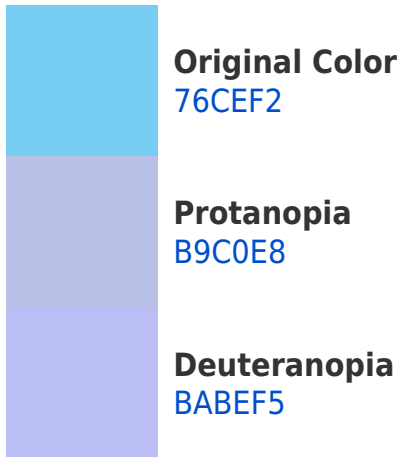


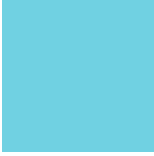
This preview shows how white text looks on a background with the Hex color 76CEF2.

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](#).

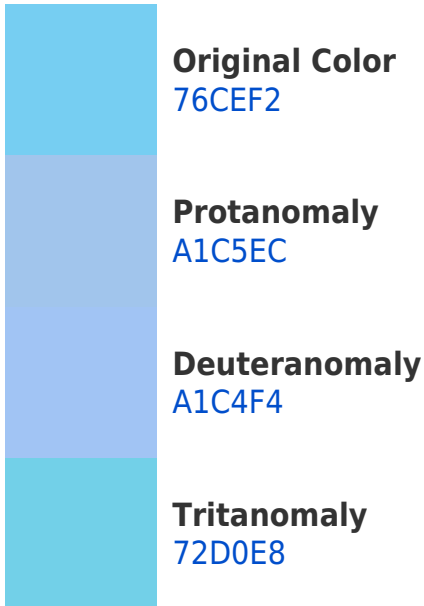
Dichromacy



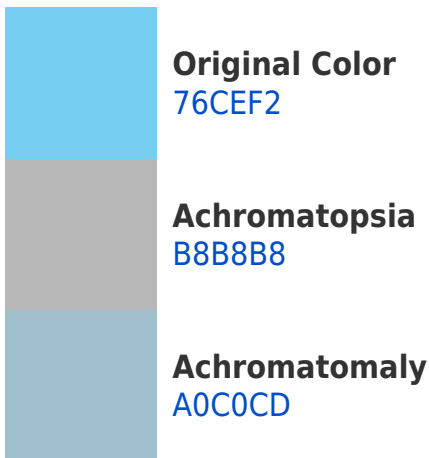


Tritanopia
70D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76CEF2 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 #76CEF2 looks like.

```
.text, #text, p{  
    color:#76CEF2  
}
```

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 #76CEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76CEF2
}
```

Border

The CSS property to change the border of an element to Hex 76CEF2 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
#76CEF2 }
```

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

```
.border{ border-color:#76CEF2 }
```

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

Here you see how a box with a 4 pixel #76CEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76CEF2; -webkit-box-shadow:4px 4px  
4px 4px #76CEF2; box-shadow:4px 4px 4px  
4px #76CEF2 }
```

Background

The CSS property to change the background color of an element to Hex 76CEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76CEF2 }
```

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

```
.background{ background-color:#76CEF2 }
```

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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