

Converting Colors

Hex(76D0EE)

Have a look what the booklet for
Hex(76D0EE) contains.

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Color

Hex(76D0EE)

Conversions

Conversions Part 1

Format	Color
Hex	76D0EE
RGB	118, 208, 238
RGB Percent	46%, 82%, 93%
CMY	0.5373, 0.1843, 0.0667
CMYK	0.50, 0.13, 0.00, 0.07
HSL	195°, 78%, 70%
HSV	195°, 50%, 93%
XYZ	45.4597, 55.1363, 89.1353
YIQ	184.5100, -63.2700, -9.7500

Conversions

Conversions Part 2

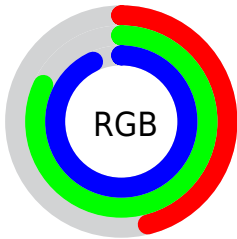
Format	Color
RYB	118, 169, 238
Decimal	7786734
CIELab	79.12, -18.98, -23.09
CIElCh	79, 29.892, 230.587
Yxy	55.1363, 0.2396, 0.2906
Android (android.graphics.Color)	4285976814 (0xFF76D0EE)
YUV	184.5100, 26.3706, -58.3293
Hunter-Lab	74.2539, -20.6629, -19.1948

Details

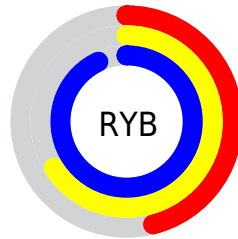
The Hex color **76D0EE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EE9476**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B1FFFF**, and **389AB6** is the 20% darker color. If you saturate the color by 10%, you get **5ECAEE**, and if you desaturate by 10%, it is **8ED6EE**.

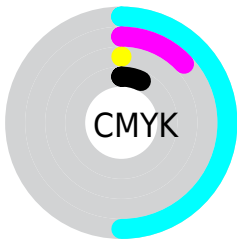
Distribution



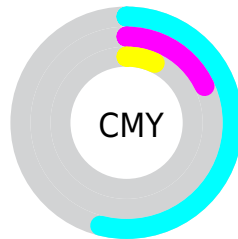
- Red (46%)
- Green (82%)
- Blue (93%)



- Red (46%)
- Yellow (66%)
- Blue (93%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76D0EE 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 76D0EE by changing the saturation by 10% instead.

 76D0EE

 76D0EE

FFFFFF

 58B4D2

 B1FFFF

 389AB6

 CEFFFF

 057F9B

 ECFFFF

 006681

 004E68

 003750

 002239

 000223

 00000B

 76D0EE

 76D0EE

 5ECAEE

 8ED6EE

 46C4EE

 A6DCEE

 2FBEEE

 BDE2EE

 17B8EE

 D5E8EE

 00B3EE

 EDEEEE

 FFF4EE

 FFFAEE

 FFFFEE

Harmonies

Analogous

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



71D3D6



76D0EE



95C9FA

Triad

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



76D0EE



F5B0CE



C4C88F

Complementary

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



76D0EE



EE9476

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.



E0BF8D



76D0EE



FCB0B2

Square

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



76D0EE



DFB6E8



F4B69A



A4CFA0

Rectangle

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



76D0EE



AFC3FA



F4B69A



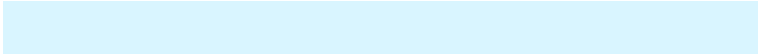
CEC58D

Sweetspot

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



76D0EE



D9F5FF



76EE94



697A80



000000



808080

Same Dimension

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



76D0EE



63D8FF



7694EE



6C7578



008AB8



002A38

Inverse Universe

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



EE76D0



FF63D8



EED076



786C75



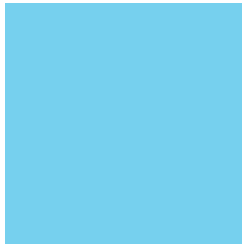
B8008A



38002A

Previews

White Background



This preview shows how the Hex color 76D0EE looks on a white background.

Color Contrast Check

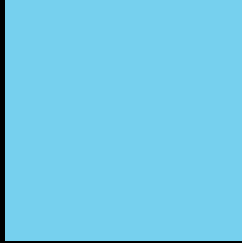
Large Text (above 18pt) WCAG AA × Fail

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 76D0EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

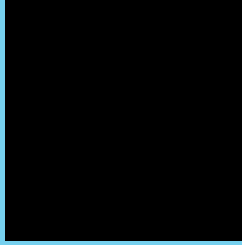
Any Text WCAG AA ✓ Pass

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 76D0EE Background



This preview shows how black text looks on a background with the Hex color 76D0EE.

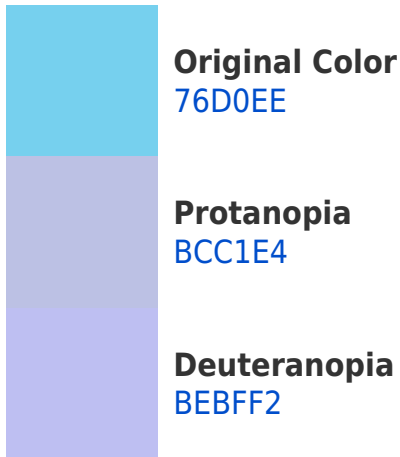


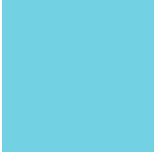
This preview shows how white text looks on a background with the Hex color 76D0EE.

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](#).

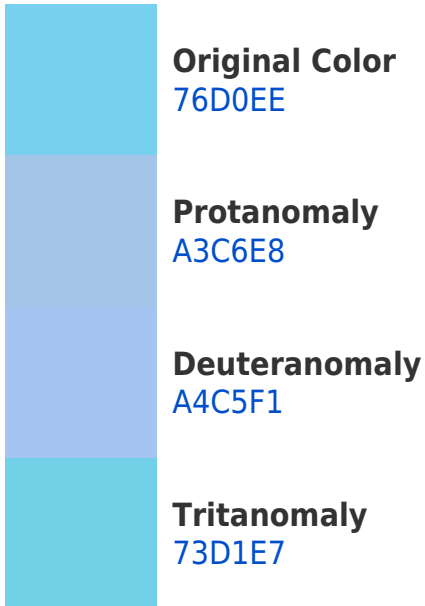
Dichromacy





Tritanopia
72D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76D0EE 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 #76D0EE looks like.

```
.text, #text, p{  
    color:#76D0EE  
}
```

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 #76D0EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D0EE  
}
```

Border

The CSS property to change the border of an element to Hex 76D0EE 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  
#76D0EE }
```

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

```
.border{ border-color:#76D0EE }
```

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

Here you see how a box with a 4 pixel #76D0EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D0EE; -webkit-box-shadow:4px 4px  
4px 4px #76D0EE; box-shadow:4px 4px 4px  
4px #76D0EE }
```

Background

The CSS property to change the background color of an element to Hex 76D0EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D0EE }
```

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

```
.background{ background-color:#76D0EE }
```

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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