

Converting Colors

Hex(74D0EC)

Have a look what the booklet for
Hex(74D0EC) contains.

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Color

Hex(74D0EC)

Conversions

Conversions Part 1

Format	Color
Hex	74D0EC
RGB	116, 208, 236
RGB Percent	45%, 82%, 93%
CMY	0.5451, 0.1843, 0.0745
CMYK	0.51, 0.12, 0.00, 0.07
HSL	194°, 76%, 69%
HSV	194°, 51%, 93%
XYZ	44.8987, 54.8809, 87.5835
YIQ	183.6840, -63.8200, -10.7960

Conversions

Conversions Part 2

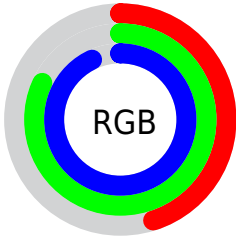
Format	Color
R _Y B	116, 168, 236
Decimal	7655660
CIE Lab	78.97, -19.96, -22.26
CIE LCh	79, 29.895, 228.114
Yxy	54.8809, 0.2396, 0.2929
Android (android.graphics.Color)	4285845740 (0xFF74D0EC)
YUV	183.6840, 25.7918, -59.3589
Hunter-Lab	74.0816, -21.4594, -18.2389

Details

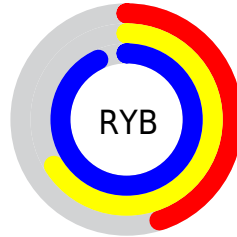
The Hex color **74D0EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC9074**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **AFFFFFF**, and **3599B4** is the 20% darker color. If you saturate the color by 10%, you get **5CCAEC**, and if you desaturate by 10%, it is **8CD6EC**.

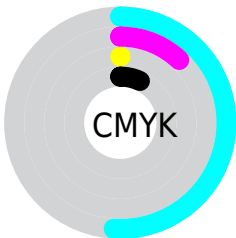
Distribution



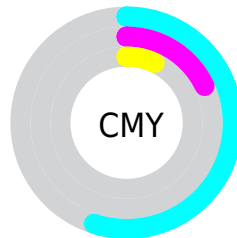
- Red (45%)
- Green (82%)
- Blue (93%)



- Red (45%)
- Yellow (66%)
- Blue (93%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74D0EC 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 74D0EC by changing the saturation by 10% instead.

 74D0EC

 74D0EC

FFFFFF

 56B4D0


 AFFFFFF

 3599B4

 CCFFFF

 007F99

 EAFFFF

 00667F

 004E66

 00374E

 002237

 000222

 000008

 74D0EC

 74D0EC

 5CCAEC

 8CD6EC

 45C5EC

 A3DBEC

 2DBFEC

 BBE1EC

 16BAEC

 D2E6EC

 00B5EC

 EAECEC

 FFF1EC

 FFF7EC

 FFFCEC

 FFFFEC

Harmonies

Analogous

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



72D3D4



74D0EC



91C9F9

Triad

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



74D0EC



F4B0D0



C6C78E

Complementary

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



74D0EC



EC9074

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.



E2BE8D



74D0EC



FCB0B4

Square

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



74D0EC



DCB7E9



F5B59B



A7CE9E

Rectangle

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



74D0EC



ABC4FA



F5B59B



D0C48C

Sweetspot

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



74D0EC



D9F6FF



74EC90



697A80



000000



808080

Same Dimension

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



74D0EC



63DBFF



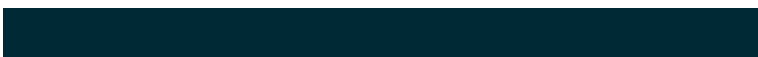
7494EC



6A7375



008BB5



002936

Inverse Universe

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



EC74D0



FF63DB



ECCC74



756A73



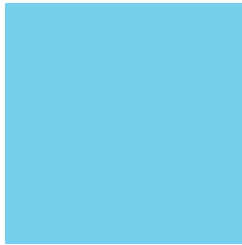
B5008B



360029

Previews

White Background



This preview shows how the Hex color 74D0EC looks on a white background.

Color Contrast Check

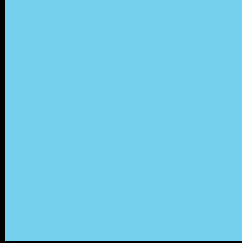
Large Text (above 18pt) WCAG AA × Fail

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 74D0EC 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 74D0EC Background



This preview shows how black text looks on a background with the Hex color 74D0EC.

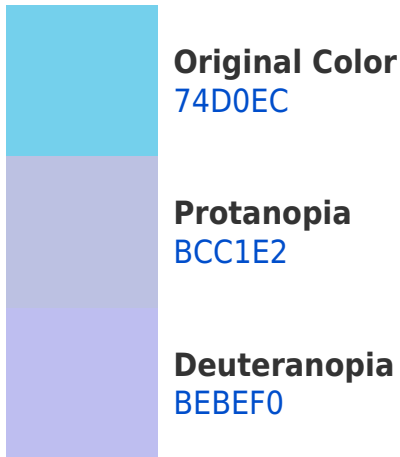


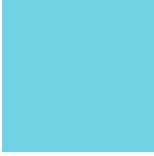
This preview shows how white text looks on a background with the Hex color 74D0EC.

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](#).

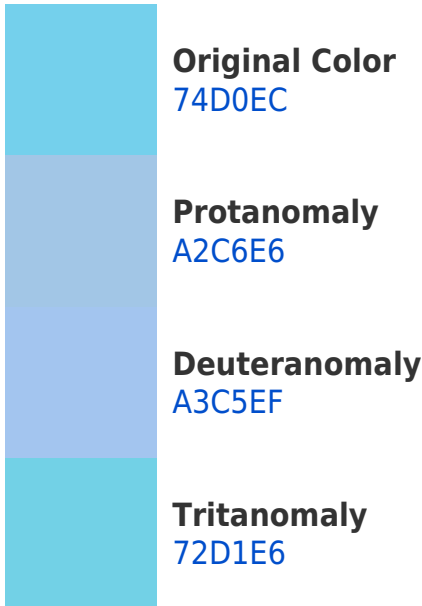
Dichromacy



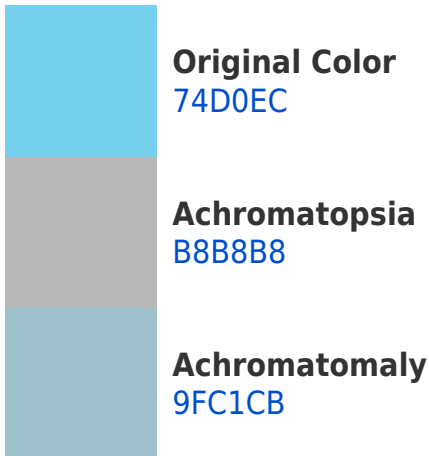


Tritanopia
71D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74D0EC 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 #74D0EC looks like.

```
.text, #text, p{  
    color:#74D0EC  
}
```

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 #74D0EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D0EC
}
```

Border

The CSS property to change the border of an element to Hex 74D0EC 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
#74D0EC }
```

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

```
.border{ border-color:#74D0EC }
```

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

Here you see how a box with a 4 pixel #74D0EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D0EC; -webkit-box-shadow:4px 4px  
4px 4px #74D0EC; box-shadow:4px 4px 4px  
4px #74D0EC }
```

Background

The CSS property to change the background color of an element to Hex 74D0EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D0EC }
```

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

```
.background{ background-color:#74D0EC }
```

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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