

Converting Colors

Hex(75D1EC)

Have a look what the booklet for
Hex(75D1EC) contains.

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Color

Hex(75D1EC)

Conversions

Conversions Part 1

Format	Color
Hex	75D1EC
RGB	117, 209, 236
RGB Percent	46%, 82%, 93%
CMY	0.5412, 0.1804, 0.0745
CMYK	0.50, 0.11, 0.00, 0.07
HSL	194°, 76%, 69%
HSV	194°, 50%, 93%
XYZ	45.2769, 55.4390, 87.6713
YIQ	184.5700, -63.4990, -11.1070

Conversions

Conversions Part 2

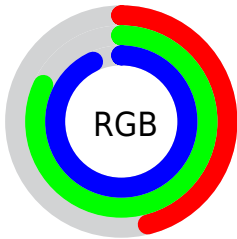
Format	Color
RYB	117, 169, 236
Decimal	7721452
CIELab	79.29, -20.25, -21.77
CIElCh	79, 29.730, 227.062
Yxy	55.4390, 0.2403, 0.2943
Android (android.graphics.Color)	4285911532 (0xFF75D1EC)
YUV	184.5700, 25.3550, -59.2589
Hunter-Lab	74.4573, -21.7560, -17.6921

Details

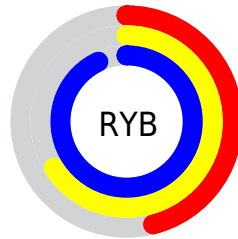
The Hex color **75D1EC** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EC9075**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B0FFFF**, and **369AB4** is the 20% darker color. If you saturate the color by 10%, you get **5DCCEC**, and if you desaturate by 10%, it is **8DD6EC**.

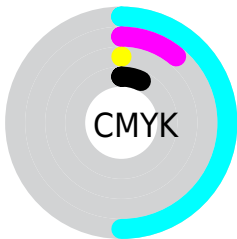
Distribution



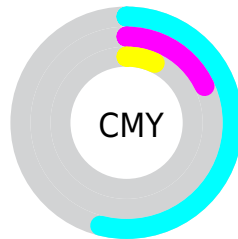
- Red (46%)
- Green (82%)
- Blue (93%)



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



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75D1EC 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 75D1EC by changing the saturation by 10% instead.

 75D1EC

 75D1EC

FFFFFF

 57B5D0


 B0FFFF

 369AB4

 CDFFFF

 018099

 EBFFFF

 00677F

 004F66

 00384E

 002237

 000222

 000008

 75D1EC

 75D1EC

 5DCCEC

 8DD6EC

 46C6EC

 A4DCEC

 2EC1EC

 BCE1EC

 17BCEC

 D3E6EC

 00B6EC

 EBCEEC

 FFF1EC

 FFF6EC

 FFFCEC

 FFFFEC

Harmonies

Analogous

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



74D4D4



75D1EC



91CBFA

Triad

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



75D1EC



F4B1D2



C8C88F

Complementary

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



75D1EC



EC9075

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.



E3BF8F



75D1EC



FDB1B5

Square

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



75D1EC



DCB8EA



F6B69D



A9CF9E

Rectangle

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



75D1EC



ABC5FB



F6B69D



D2C58D

Sweetspot

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



75D1EC



D9F6FF



75EC8F



697A80



000000



808080

Same Dimension

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



75D1EC



63DCFF



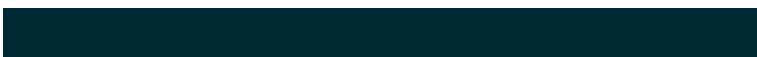
7597EC



6A7375



008CB5



002936

Inverse Universe

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



EC75D1



FF63DC



ECCA75



756A73



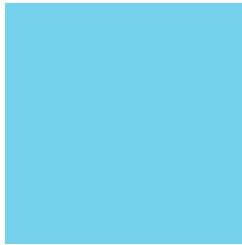
B5008C



360029

Previews

White Background



This preview shows how the Hex color 75D1EC looks on a white background.

Color Contrast Check

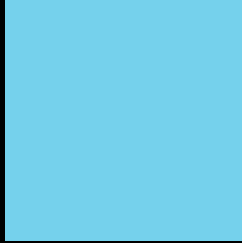
Large Text (above 18pt) WCAG AA × Fail

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 75D1EC 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 75D1EC Background



This preview shows how black text looks on a background with the Hex color 75D1EC.

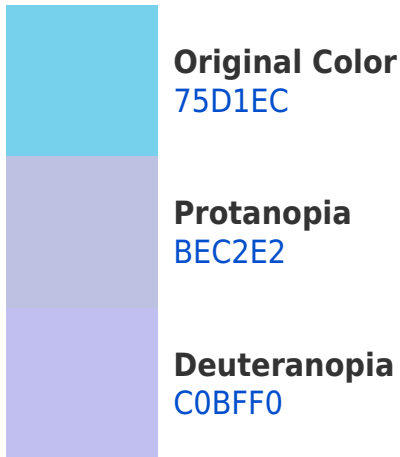


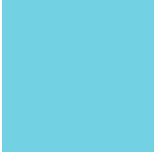
This preview shows how white text looks on a background with the Hex color 75D1EC.

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](#).

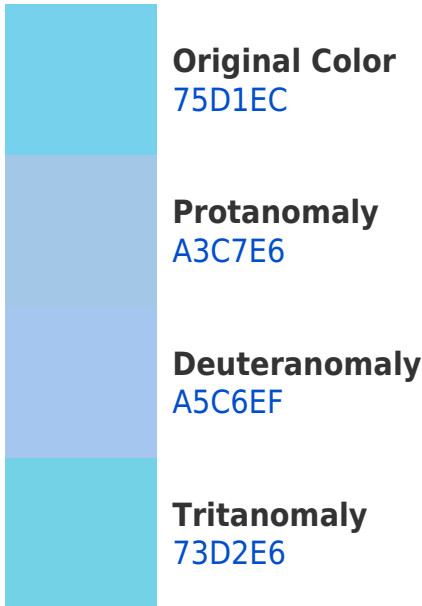
Dichromacy



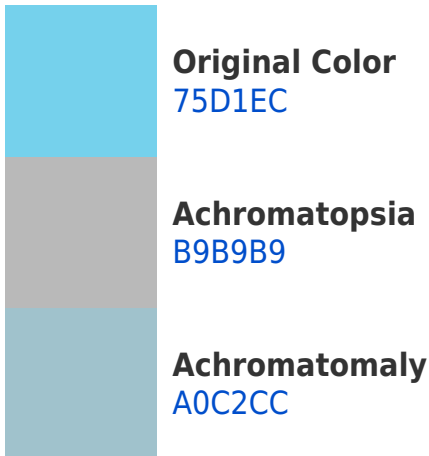


Tritanopia
72D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75D1EC 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 #75D1EC looks like.

```
.text, #text, p{  
    color:#75D1EC  
}
```

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 #75D1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75D1EC  
}
```

Border

The CSS property to change the border of an element to Hex 75D1EC 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  
#75D1EC }
```

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

```
.border{ border-color:#75D1EC }
```

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

Here you see how a box with a 4 pixel #75D1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75D1EC; -webkit-box-shadow:4px 4px  
4px 4px #75D1EC; box-shadow:4px 4px 4px  
4px #75D1EC }
```

Background

The CSS property to change the background color of an element to Hex 75D1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75D1EC }
```

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

```
.background{ background-color:#75D1EC }
```

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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