

Converting Colors

Hex(75E8EC)

Have a look what the booklet for
Hex(75E8EC) contains.

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Color

Hex(75E8EC)

Conversions

Conversions Part 1

Format	Color
Hex	75E8EC
RGB	117, 232, 236
RGB Percent	46%, 91%, 93%
CMY	0.5412, 0.0902, 0.0745
CMYK	0.50, 0.02, 0.00, 0.07
HSL	182°, 76%, 69%
HSV	182°, 50%, 93%
XYZ	51.3331, 67.5513, 89.6900
YIQ	198.0710, -69.8240, -23.1360

Conversions

Conversions Part 2

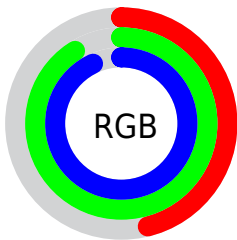
Format	Color
RYB	117, 175, 236
Decimal	7727340
CIELab	85.78, -31.53, -12.00
CIELCh	86, 33.736, 200.829
Yxy	67.5513, 0.2461, 0.3239
Android (android.graphics.Color)	4285917420 (0xFF75E8EC)
YUV	198.0710, 18.6990, -71.0993
Hunter-Lab	82.1896, -32.3462, -7.1680

Details

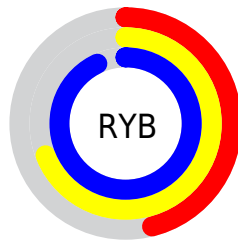
The Hex color **75E8EC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC7975**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **B1FFFF**, and **33B0B4** is the 20% darker color. If you saturate the color by 10%, you get **5DE7EC**, and if you desaturate by 10%, it is **8DE9EC**.

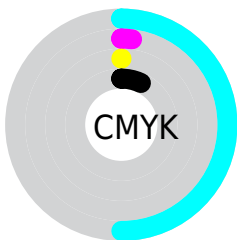
Distribution



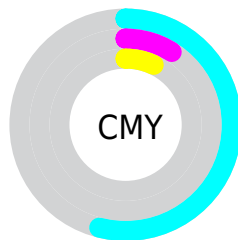
- Red (46%)
- Green (91%)
- Blue (93%)



- Red (46%)
- Yellow (69%)
- Blue (93%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75E8EC 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 75E8EC by changing the saturation by 10% instead.

 75E8EC

 75E8EC


FFFFFF

 56CCD0

 B1FFFF

 33B0B4

 CFFFFFF

 009599

 EDFFFF

 007B80

 006267

 00494F

 003238

 001E22

 00000B

 75E8EC

 75E8EC

 5DE7EC

 8DE9EC

 46E6EC

 A4EAEC

 2EE6EC

 BCEAEC

 17E5EC

 D3EBEC

 00E4EC

 EBCEEC

 FFEDEC

 FFEEEC

 FFEFEC

Harmonies

Analogous

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



8EE8CB



75E8EC



7BE4FF

Triad

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



75E8EC



F6C7FF



F6D198

Complementary

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



75E8EC



EC7975

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.



FFC7A6



75E8EC



FFC0E2

Square

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



75E8EC



CED2FF



FFC0C1



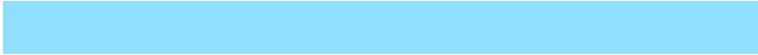
D6DB9A

Rectangle

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



75E8EC



91DFFF



FFC0C1



FFCD9B

Sweetspot

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



75E8EC



D9FEFF



75EC79



697F80



000000



808080

Same Dimension

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



75E8EC



63FAFF



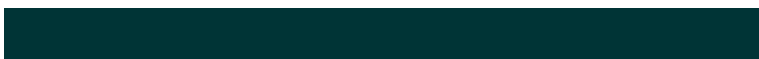
75ADEC



6A7575



00AFB5



003436

Inverse Universe

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



EC75E8



FF63FA



ECB475



756A75



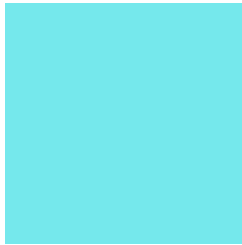
B500AF



360034

Previews

White Background



This preview shows how the Hex color 75E8EC looks on a white background.

Color Contrast Check

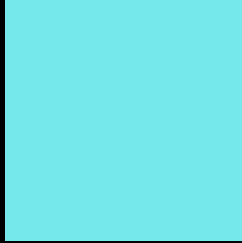
Large Text (above 18pt) WCAG AA × Fail

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 75E8EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

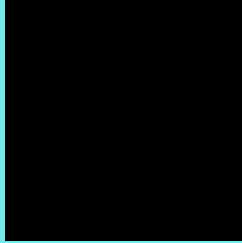
Any Text WCAG AA ✓ Pass

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 75E8EC Background



This preview shows how black text looks on a background with the Hex color 75E8EC.

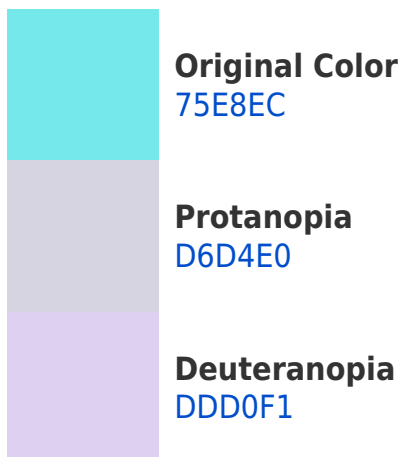


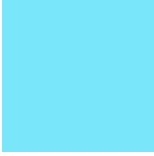
This preview shows how white text looks on a background with the Hex color 75E8EC.

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](#).

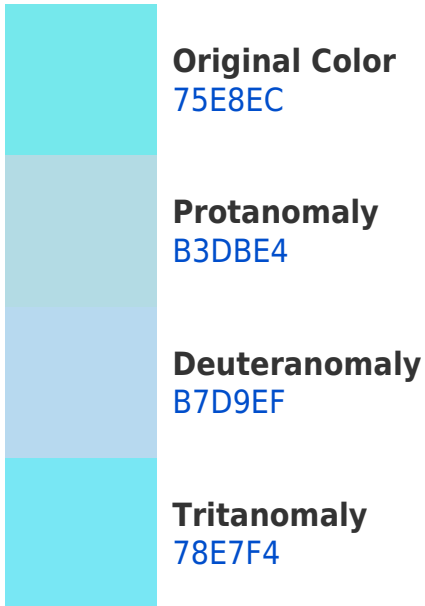
Dichromacy



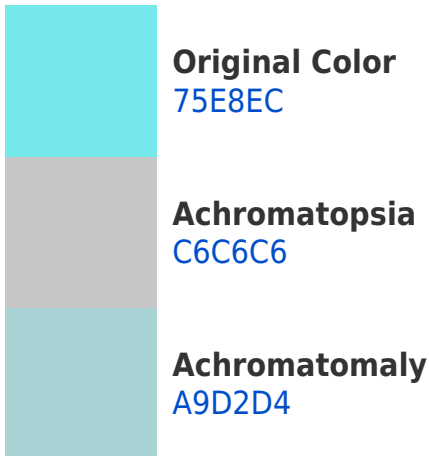


Tritanopia
79E6F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75E8EC 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 #75E8EC looks like.

```
.text, #text, p{  
    color:#75E8EC  
}
```

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 #75E8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75E8EC
}
```

Border

The CSS property to change the border of an element to Hex 75E8EC 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
#75E8EC }
```

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

```
.border{ border-color:#75E8EC }
```

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

Here you see how a box with a 4 pixel #75E8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75E8EC; -webkit-box-shadow:4px 4px  
4px 4px #75E8EC; box-shadow:4px 4px 4px  
4px #75E8EC }
```

Background

The CSS property to change the background color of an element to Hex 75E8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75E8EC }
```

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

```
.background{ background-color:#75E8EC }
```

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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