

# Converting Colors

Hex(75FCEC)

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

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# **Color**

**Hex(75FCEC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75FCEC
RGB	117, 252, 236
RGB Percent	46%, 99%, 93%
CMY	0.5412, 0.0118, 0.0745
CMYK	0.54, 0.00, 0.06, 0.01
HSL	173°, 96%, 72%
HSV	173°, 54%, 99%
XYZ	57.2868, 79.4588, 91.6746
YIQ	209.8110, -75.3240, -33.5960

# Conversions

## Conversions Part 2

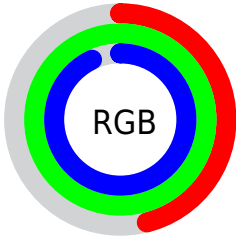
Format	Color
<a href="#">RYB</a>	<a href="#">117, 189, 252</a>
Decimal	<a href="#">7732460</a>
<a href="#">CIELab</a>	<a href="#">91.44, -40.76, -3.61</a>
<a href="#">CIELCh</a>	<a href="#">91, 40.917, 185.062</a>
<a href="#">Yxy</a>	<a href="#">79.4588, 0.2508, 0.3479</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285922540 (0xFF75FCEC)</a>
<a href="#">YUV</a>	<a href="#">209.8110, 12.9112, -81.3952</a>
<a href="#">Hunter-Lab</a>	<a href="#">89.1397, -41.2790, 1.4217</a>

# Details

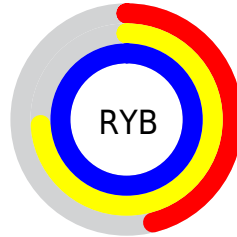
The Hex color **75FCEC** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **FC7585**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **B2FFFF**, and **2EC3B4** is the 20% darker color. If you saturate the color by 10%, you get **5CFCE9**, and if you desaturate by 10%, it is **8EFCEF**.

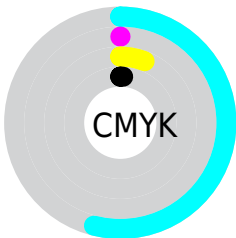
# Distribution



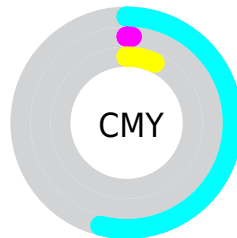
- Red (46%)
- Green (99%)
- Blue (93%)



- Red (46%)
- Yellow (74%)
- Blue (99%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (54%)
- Magenta (1%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 75FCEC

 75FCEC

FFFFFF

 55DFD0

 B2FFFF

 2EC3B4

 D1FFFF

 00A79A

 EFFFFFF

 008C80

 007267

 00594F

 004038


 002A23

 000A0D

 75FCEC

 75FCEC

 5CFCE9

 8EFCEF

 43FCE6

 A7FCF2

 29FCE3

 C1FCF5

 10FCE0

 DAFCF8

 00FCDE

 F3FCFB

 FFFCFE

 FFFCFF

# Harmonies

## Analogous

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



A2F9C4



75FCEC



5FFAFF

# Triad

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



75FCEC



F4DAFF



FFD9A0

# Complementary

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



75FCEC



FC7585

# 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.



FFCDBB



75FCEC



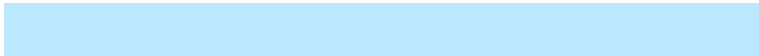
FFCEFF

# Square

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



75FCEC



BCE8FF



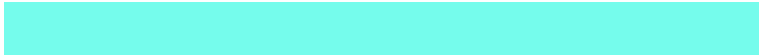
FFC9E1



FBE698

# Rectangle

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



75FCEC



70F6FF



FFC9E1



FFD4A7

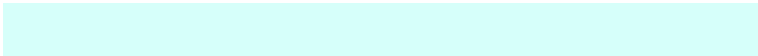


# Sweetspot

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



75FCEC



D6FFFA



87FC75



67807D



000000

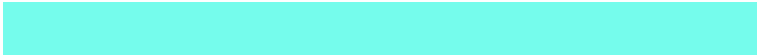


808080



# Same Dimension

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



75FCEC



5CFFEC



75CBFC



707D7B



00BDA6



003D36



# Inverse Universe

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



FC7585



FF5C6F



FCA675



7D7072



BD0016

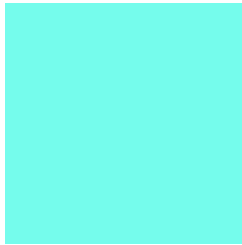


3D0007



# Previews

## White Background



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

## Color Contrast Check

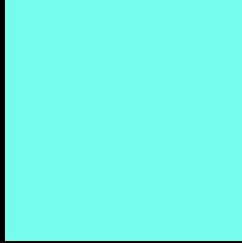
Large Text (above 18pt) WCAG AA × Fail

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 75FCEC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

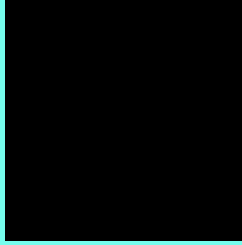
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75FCEC Background



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

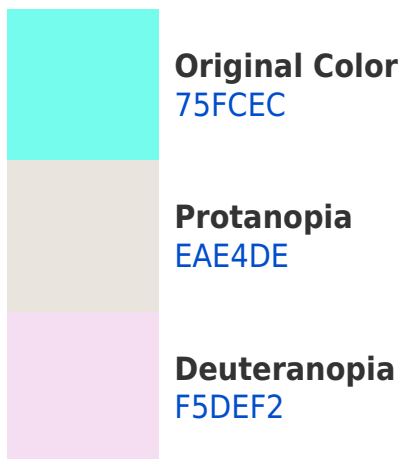


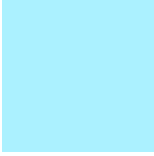
This preview shows how white text looks on a background with the Hex color 75FCEC.

# 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**  
ABF1FF

# Trichromacy



**Original Color**  
75FCEC



**Protanomaly**  
BFEDE3



**Deuteranomaly**  
C6E9F0

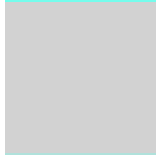


**Tritanomaly**  
97F5F8

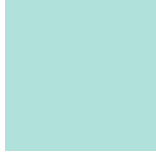
# Monochromacy



**Original Color**  
75FCEC



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B0E1DB

# CSS Examples

## Text

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

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

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 #75FCEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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