

# Converting Colors

Hex(75EBBF)

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

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**Color**

**Hex(75EBBF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75EBBF
RGB	117, 235, 191
RGB Percent	46%, 92%, 75%
CMY	0.5412, 0.0784, 0.2510
CMYK	0.50, 0.00, 0.19, 0.08
HSL	158°, 75%, 69%
HSV	158°, 50%, 92%
XYZ	46.4484, 66.9602, 59.7667
YIQ	194.7020, -56.2040, -38.7000

# Conversions

## Conversions Part 2

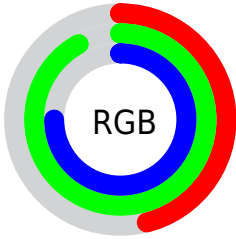
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 190, 235
Decimal	7728063
CIELab	85.48, -43.60, 11.22
CIElCh	85, 45.015, 165.572
Yxy	66.9602, 0.2682, 0.3867
Android (android.graphics.Color)	4285918143 (0xFF75EBBF)
YUV	194.7020, -1.8251, -68.1447
Hunter-Lab	81.8292, -41.8797, 13.9760

# Details

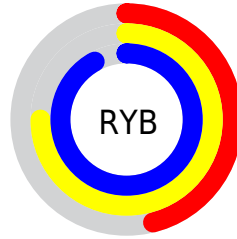
The Hex color **75EBBF** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB75A1**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B0FFF7**, and **37B28A** is the 20% darker color. If you saturate the color by 10%, you get **5EEBB6**, and if you desaturate by 10%, it is **8DEBC8**.

# Distribution



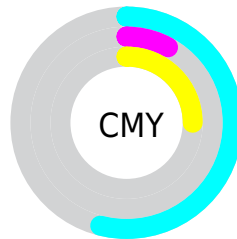
- Red (46%)
- Green (92%)
- Blue (75%)



- Red (46%)
- Yellow (75%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 75EBBF

 75EBBF

FFFFFF

 57CEA4

 B0FFF7

 37B28A

 CDFFFF

 039770

 EBFFFF

 007D58

 006340

 004A2A

 003215

 001C00

 000000

 75EBBF

 75EBBF

 5EEBB6

 8DEBC8

 46EBAD

 A4EBD1

 2FEBA5

 BBEBD9

 17EB9C

 D3EBE2

 00EB93

 EBEBEB

 FFEBF4

 FFEBFC

 FFEBFF

# Harmonies

## Analogous

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



ACE599



75EBBF



34ECEB

# Triad

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



75EBBF



BCD2FF



FFBE9B

# Complementary

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



75EBBF



EB75A1

# 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.



FFB5C1



75EBBF



F6C3FF

# Square

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



75EBBF



73E0FF



FFB7EC



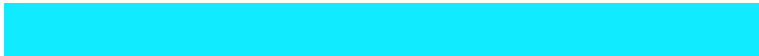
FFCC83

# Rectangle

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



75EBBF



10EBFF



FFB7EC



FFBAA6

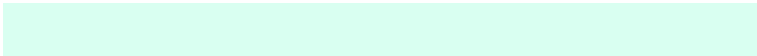


# Sweetspot

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



75EBBF



D9FFF1



A2EB75



698077



000000



808080



# Same Dimension

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



75EBBF



66FFC6



75DDEB



6A7571



00B572



003622



# Inverse Universe

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



EB75A1



FF669F



EB8375



756A6E



B50044

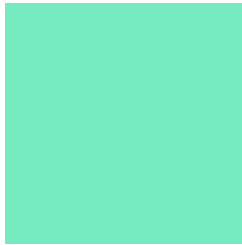


360014



# Previews

## White Background



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

## Color Contrast Check

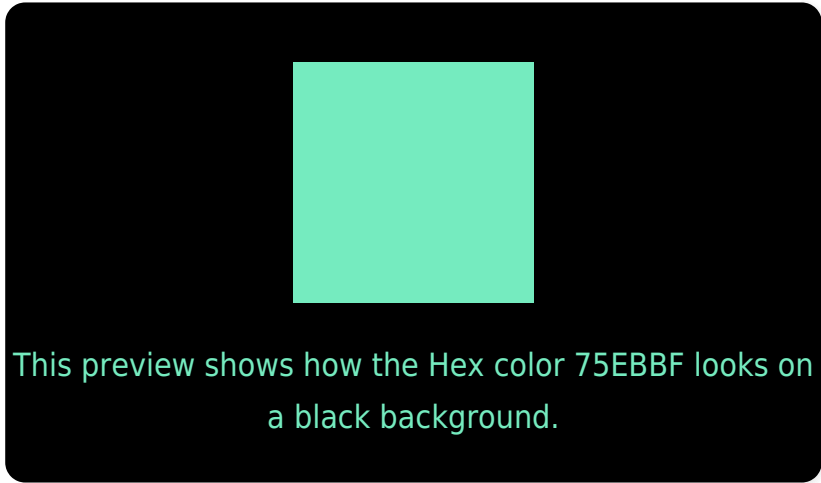
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

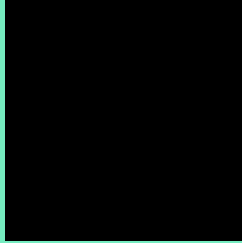
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75EBBF Background



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

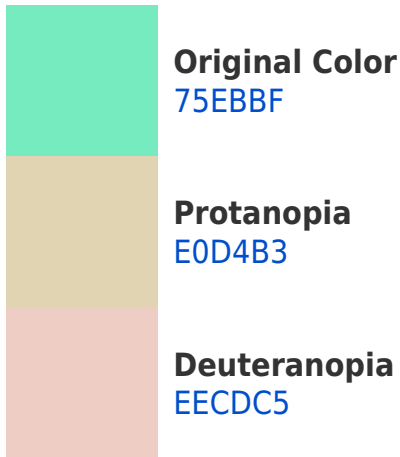


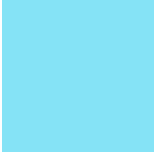
This preview shows how white text looks on a background with the Hex color 75EBBF.

# 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**  
85E3F6

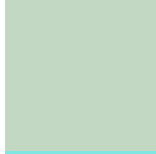
# Trichromacy



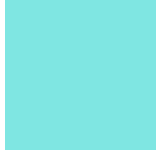
**Original Color**  
75EBBF



**Protanomaly**  
B9DCB7



**Deuteranomaly**  
C2D8C3

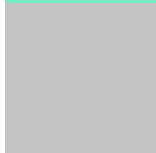


**Tritanomaly**  
7FE6E2

# Monochromacy



**Original Color**  
75EBBF



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A7D2C2

# CSS Examples

## Text

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

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

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 #75EBBF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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