

# Converting Colors

Hex(75EDDE)

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

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# Color

Hex(75EDDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	75EDDE
RGB	117, 237, 222
RGB Percent	46%, 93%, 87%
CMY	0.5412, 0.0706, 0.1294
CMYK	0.51, 0.00, 0.06, 0.07
HSL	172°, 77%, 69%
HSV	172°, 51%, 93%
XYZ	50.8051, 69.6242, 79.8683
YIQ	199.4100, -66.7050, -30.1050

# Conversions

## Conversions Part 2

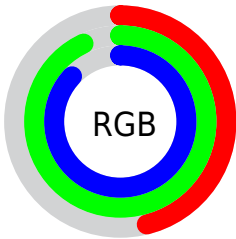
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">117, 181, 237</a>
Decimal	<a href="#">7728606</a>
CIELab	<a href="#">86.81, -37.37, -3.11</a>
CIELCh	<a href="#">87, 37.503, 184.756</a>
Yxy	<a href="#">69.6242, 0.2536, 0.3476</a>
Android (android.graphics.Color)	<a href="#">4285918686</a> ( <a href="#">0xFF75EDDE</a> )
YUV	<a href="#">199.4100, 11.1369, -72.2736</a>
Hunter-Lab	<a href="#">83.4411, -37.3380, 1.6575</a>

# Details

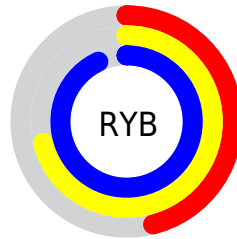
The Hex color **75EDDE** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED7584**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B1FFFF**, and **34B5A7** is the 20% darker color. If you saturate the color by 10%, you get **5DEEDB**, and if you desaturate by 10%, it is **8DEDE1**.

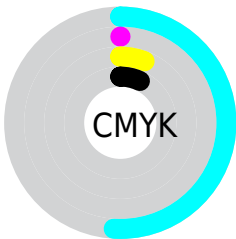
# Distribution



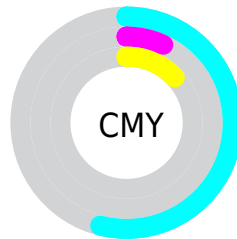
- Red (46%)
- Green (93%)
- Blue (87%)



- Red (46%)
- Yellow (71%)
- Blue (93%)



- Cyan (51%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (54%)
- Magenta (7%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



 75EDDE

 75EDDE

FFFFFF

 56D0C2

 B1FFFF

 34B5A7

 CEFFFF

 00998D

 ECFFFF

 007F73

 00655B

 004D43

 00352D

 002019

 000000

 75EDDE

 75EDDE

 5DEDD8

 8DEDE1

 46EDD8

 A4EDE4

 2EEDD5

 BCEDE7

 16EDD2

 D4EDEA

 00EDCF

 EBEBED

 FFEDF0

 FFEDF3

 FFEDF6

 FFEDF9

# Harmonies

## Analogous

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



9CEABA



75EDDE



63EBFF

# Triad

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



75EDDE



E6CEFF



FFCD9A

# Complementary

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



75EDDE



ED7584

# 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.



FFC3B3



75EDDE



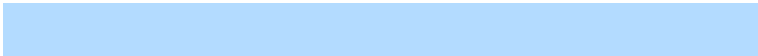
FFC3F8

# Square

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



75EDDE



B3DBFF



FFBFD5



EDD992

# Rectangle

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



75EDDE



71E8FF



FFBFD5



FFC9A1

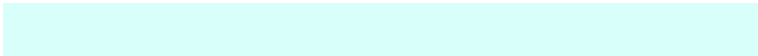


# Sweetspot

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



75EDDE



D9FFFA



85ED75



69807D



000000



808080



# Same Dimension

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



75EDDE



63FFEC



75C1ED



6A7574



00B59E



00362F



# Inverse Universe

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



ED7584



FF6377



EDA175



756A6B



B50017

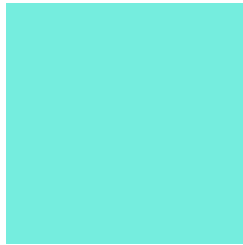


360007



# Previews

## White Background



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

## Color Contrast Check

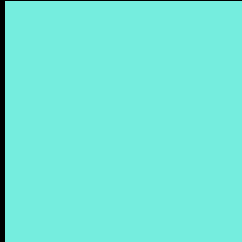
Large Text (above 18pt) WCAG AA × Fail

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 75EDDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

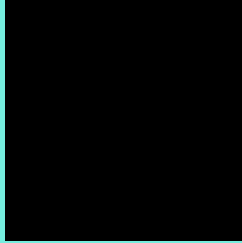
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75EDDE Background



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

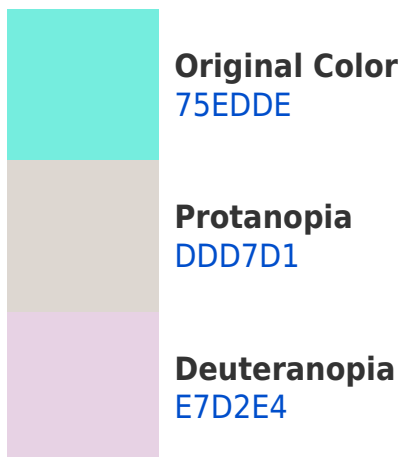


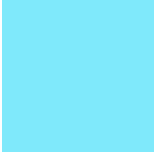
This preview shows how white text looks on a background with the Hex color 75EDDE.

# 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**  
7FE9FB

# Trichromacy



**Original Color**  
75EDDE



**Protanomaly**  
B7DFD6



**Deuteranomaly**  
BEDCE2

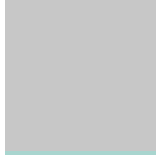


**Tritanomaly**  
7BEAF0

# Monochromacy



**Original Color**  
75EDDE



**Achromatopsia**  
C7C7C7



**Achromatomaly**  
A9D5CF

# CSS Examples

## Text

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

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

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 #75EDDE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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