

Converting Colors

Hex(77EDE5)

Have a look what the booklet for
Hex(77EDE5) contains.

Hex(77EDE5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77EDE5)

Conversions

Conversions Part 1

Format	Color
Hex	77EDE5
RGB	119, 237, 229
RGB Percent	47%, 93%, 90%
CMY	0.5333, 0.0706, 0.1020
CMYK	0.50, 0.00, 0.03, 0.07
HSL	176°, 77%, 70%
HSV	176°, 50%, 93%
XYZ	52.0348, 70.1475, 84.9260
YIQ	200.8060, -67.7600, -27.5040

Conversions

Conversions Part 2

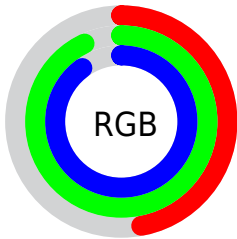
Format	Color
RYB	119, 180, 237
Decimal	7859685
CIELab	87.07, -35.23, -6.40
CIELCh	87, 35.809, 190.289
Yxy	70.1475, 0.2512, 0.3387
Android (android.graphics.Color)	4286049765 (0xFF77EDE5)
YUV	200.8060, 13.8996, -71.7439
Hunter-Lab	83.7541, -35.6710, -1.4918

Details

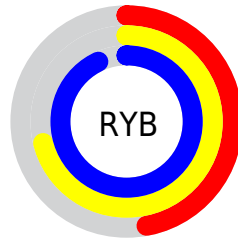
The Hex color **77EDE5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **ED777F**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B3FFFF**, and **36B5AE** is the 20% darker color. If you saturate the color by 10%, you get **5FEDE3**, and if you desaturate by 10%, it is **8FEDE7**.

Distribution



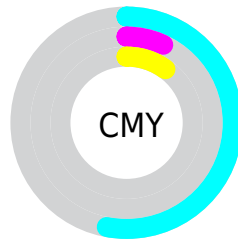
- Red (47%)
- Green (93%)
- Blue (90%)



- Red (47%)
- Yellow (71%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77EDE5 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 77EDE5 by changing the saturation by 10% instead.

 77EDE5

 77EDE5

FFFFFF

 58D0C9

 B3FFFF

 36B5AE

 D0FFFF

 009993

 EFFFFFF

 007F79

 006661

 004D49

 003532

 00211D

 000003

 77EDE5

 77EDE5

 5FEDE3

 8FEDE7

 48EDE2

 A6EDE8

 30EDE0

 BEEDEA

 18EDDF

 D6EDEB

 00EDDD

 EDEDED

 FFEDEF

 FFEDF0

 FFEDF2

 FFEDF3

Harmonies

Analogous

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



99EBC2



77EDE5



6FEBFF

Triad

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



77EDE5



EECDFE



FFD09B

Complementary

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



77EDE5



ED777F

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.



FFC6B0



77EDE5



FFC4F2

Square

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



77EDE5



BFD9FF



FFC1CF



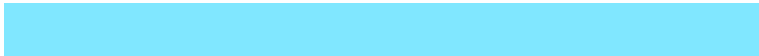
E6DC97

Rectangle

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



77EDE5



80E7FF



FFC1CF



FFCCA0

Sweetspot

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



77EDE5



D9FFFC



81ED77



69807E



000000



808080

Same Dimension

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



77EDE5



66FFF5



77BCED



6A7575



00B5A9



003632

Inverse Universe

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



ED777F



FF6670



EDA877



756A6A



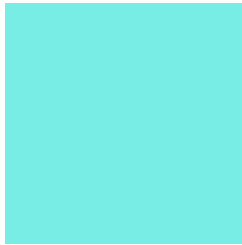
B5000C



360004

Previews

White Background



This preview shows how the Hex color 77EDE5 looks on a white background.

Color Contrast Check

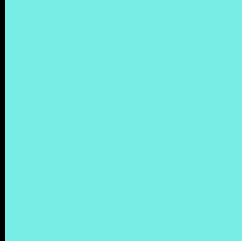
Large Text (above 18pt) WCAG AA × Fail

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 77EDE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

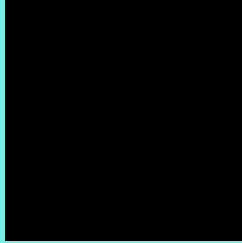
Any Text WCAG AA ✓ Pass

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 77EDE5 Background



This preview shows how black text looks on a background with the Hex color 77EDE5.

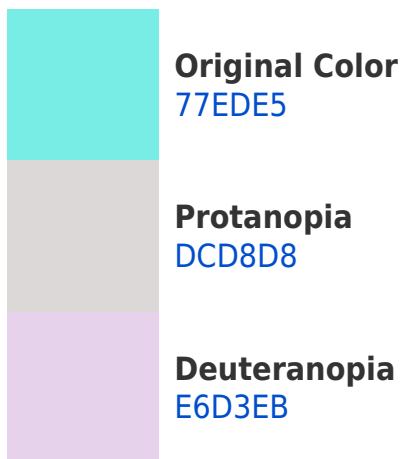


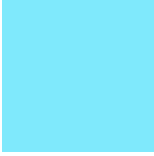
This preview shows how white text looks on a background with the Hex color 77EDE5.

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
7FE9FC

Trichromacy



Original Color
77EDE5



Protanomaly
B7E0DD



Deuteranomaly
BEDCE9

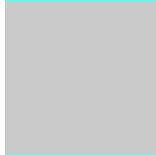


Tritanomaly
7CEAF4

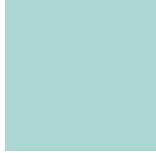
Monochromacy



Original Color
77EDE5



Achromatopsia
C9C9C9



Achromatomaly
ABD6D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 77EDE5 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 #77EDE5 looks like.

```
.text, #text, p{  
    color:#77EDE5  
}
```

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 #77EDE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EDE5
}
```

Border

The CSS property to change the border of an element to Hex 77EDE5 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
#77EDE5 }
```

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

```
.border{ border-color:#77EDE5 }
```

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

Here you see how a box with a 4 pixel #77EDE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EDE5; -webkit-box-shadow:4px 4px  
4px 4px #77EDE5; box-shadow:4px 4px 4px  
4px #77EDE5 }
```

Background

The CSS property to change the background color of an element to Hex 77EDE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EDE5 }
```

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

```
.background{ background-color:#77EDE5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor