

Converting Colors

Hex(77EDE8)

Have a look what the booklet for
Hex(77EDE8) contains.

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Color

Hex(77EDE8)

Conversions

Conversions Part 1

Format	Color
Hex	77EDE8
RGB	119, 237, 232
RGB Percent	47%, 93%, 91%
CMY	0.5333, 0.0706, 0.0902
CMYK	0.50, 0.00, 0.02, 0.07
HSL	177°, 77%, 70%
HSV	177°, 50%, 93%
XYZ	52.4574, 70.3165, 87.1516
YIQ	201.1480, -68.7230, -26.5710

Conversions

Conversions Part 2

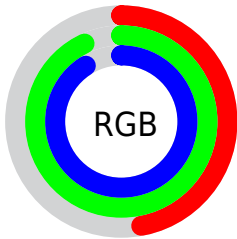
Format	Color
RYB	119, 179, 237
Decimal	7859688
CIELab	87.15, -34.49, -7.85
CIElCh	87, 35.367, 192.820
Yxy	70.3165, 0.2499, 0.3350
Android (android.graphics.Color)	4286049768 (0xFF77EDE8)
YUV	201.1480, 15.2100, -72.0438
Hunter-Lab	83.8549, -35.0813, -2.9224

Details

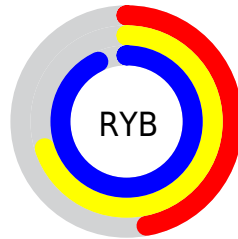
The Hex color **77EDE8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED777C**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B3FFFF**, and **36B5B0** is the 20% darker color. If you saturate the color by 10%, you get **5FEDE7**, and if you desaturate by 10%, it is **8FEDE9**.

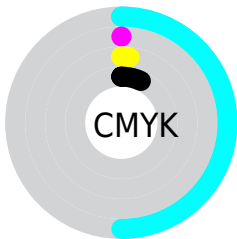
Distribution



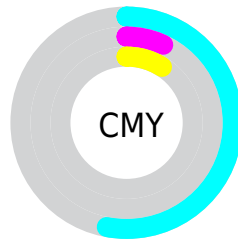
- Red (47%)
- Green (93%)
- Blue (91%)



- Red (47%)
- Yellow (70%)
- Blue (93%)



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



- Cyan (53%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77EDE8 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 77EDE8 by changing the saturation by 10% instead.

 77EDE8

 77EDE8

FFFFFF

 58D0CC

 B3FFFF

 36B5B0

 D1FFFF

 009A96

 EFFFFFF

 007F7C

 006663

 004D4B

 003535

 00211F

 000007

 77EDE8

 77EDE8

 5FEDE7

 8FEDE9

 48EDE6

 A6EDEA

 30EDE5

 BEEDEB

 18EDE4

 D6EDEC

 00EDE3

 EDEDED

 FFEDEE

 FFEDEF

 FFEDF0

 FFEDF1

Harmonies

Analogous

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



97EBC5



77EDE8



72EAFF

Triad

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



77EDE8



F1CDFE



FFD29B

Complementary

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



77EDE8



ED777C

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.



FFC7AE



77EDE8



FFC4EF

Square

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



77EDE8



C4D9FF



FFC2CD



E4DD98

Rectangle

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



77EDE8



85E6FF



FFC2CD



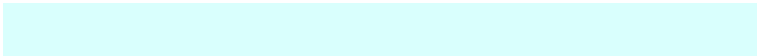
FFCEA0

Sweetspot

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



77EDE8



D9FFFD



7DED77



69807F



000000



808080

Same Dimension

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



77EDE8



66FFF9



77B8ED



6A7575



00B5AD



003633

Inverse Universe

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



ED777C



FF666C



EDAC77



756A6A



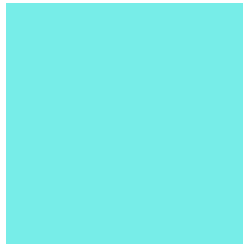
B50008



360002

Previews

White Background



This preview shows how the Hex color 77EDE8 looks on a white background.

Color Contrast Check

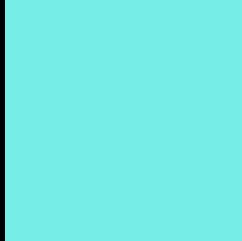
Large Text (above 18pt) WCAG AA × Fail

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 77EDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

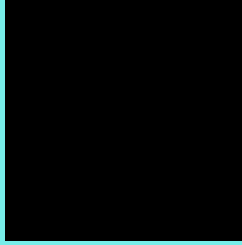
Any Text WCAG AA ✓ Pass

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 77EDE8 Background



This preview shows how black text looks on a background with the Hex color 77EDE8.



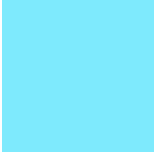
This preview shows how white text looks on a background with the Hex color 77EDE8.

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



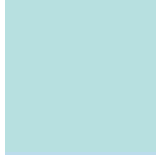


Tritanopia
7EEAFD

Trichromacy



Original Color
77EDE8



Protanomaly
B7E0E0



Deuteranomaly
BCDCEC

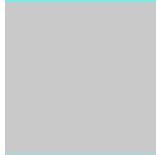


Tritanomaly
7BEBF5

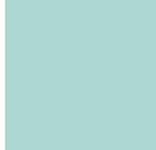
Monochromacy



Original Color
77EDE8



Achromatopsia
C9C9C9



Achromatomaly
ABD6D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 77EDE8 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 #77EDE8 looks like.

```
.text, #text, p{  
    color:#77EDE8  
}
```

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 #77EDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EDE8
}
```

Border

The CSS property to change the border of an element to Hex 77EDE8 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
#77EDE8 }
```

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

```
.border{ border-color:#77EDE8 }
```

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

Here you see how a box with a 4 pixel #77EDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EDE8; -webkit-box-shadow:4px 4px  
4px 4px #77EDE8; box-shadow:4px 4px 4px  
4px #77EDE8 }
```

Background

The CSS property to change the background color of an element to Hex 77EDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EDE8 }
```

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

```
.background{ background-color:#77EDE8 }
```

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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