

Converting Colors

Hex(77EDB8)

Have a look what the booklet for
Hex(77EDB8) contains.

Hex(77EDB8)	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(77EDB8)

Conversions

Conversions Part 1

Format	Color
Hex	77EDB8
RGB	119, 237, 184
RGB Percent	47%, 93%, 72%
CMY	0.5333, 0.0706, 0.2784
CMYK	0.50, 0.00, 0.22, 0.07
HSL	153°, 77%, 70%
HSV	153°, 50%, 93%
XYZ	46.5437, 67.9510, 56.0101
YIQ	195.6760, -53.3150, -41.4990

Conversions

Conversions Part 2

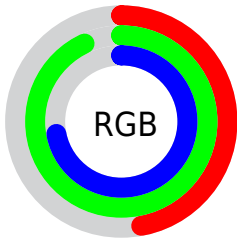
Format	Color
RYB	119, 195, 237
Decimal	7859640
CIELab	85.98, -45.47, 15.58
CIELCh	86, 48.069, 161.087
Yxy	67.9510, 0.2730, 0.3985
Android (android.graphics.Color)	4286049720 (0xFF77EDB8)
YUV	195.6760, -5.7563, -67.2449
Hunter-Lab	82.4324, -43.4705, 17.4170

Details

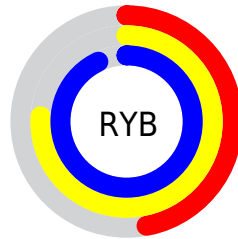
The Hex color **77EDB8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **ED77AC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B1FFF0**, and **39B483** is the 20% darker color. If you saturate the color by 10%, you get **5FEDAD**, and if you desaturate by 10%, it is **8FEDC3**.

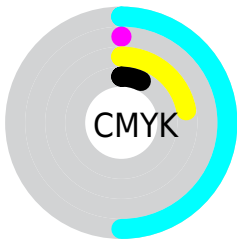
Distribution



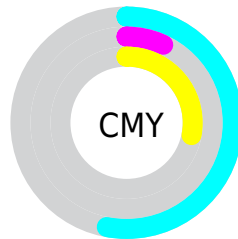
- Red (47%)
- Green (93%)
- Blue (72%)



- Red (47%)
- Yellow (76%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77EDB8 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 77EDB8 by changing the saturation by 10% instead.

 77EDB8

 77EDB8


FFFFFF

 59D09D

 B1FFF0

 39B483

 CFFFFFF

 0B996A

 EDFFFF

 007E51

 00653A

 004C24

 00340F

 001D00

 000000

 77EDB8

 77EDB8

 5FEDAD

 8FEDC3

 48EDA3

 A6EDCD

 30ED98

 BEEDD8

 18ED8D

 D6EDE3

 00ED83

 EDEDED

 FFEDF8

 FFEDFF

Harmonies

Analogous

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



B2E691



77EDB8



20EFE7

Triad

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



77EDB8



AFD6FF



FFBB9D

Complementary

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



77EDB8



ED77AC

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.



FFB3C8



77EDB8



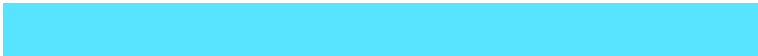
F2C5FF

Square

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



77EDB8



58E4FF



FFB7F6



FFCA81

Rectangle

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



77EDB8



00EEFF



FFB7F6



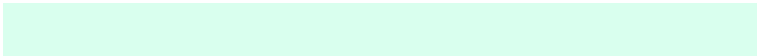
FFB7AA

Sweetspot

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



77EDB8



D9FFEE



ACED77



698075



000000



808080

Same Dimension

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



77EDB8



66FFBA



77E7ED



6A7570



00B564



00361D

Inverse Universe

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



ED77AC



FF66AB



ED7D77



756A6F



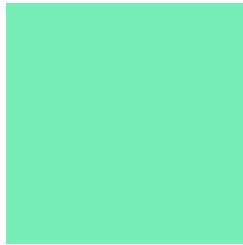
B50051



360018

Previews

White Background



This preview shows how the Hex color 77EDB8 looks on a white background.

Color Contrast Check

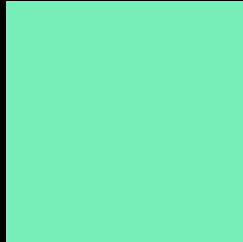
Large Text (above 18pt) WCAG AA × Fail

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 77EDB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

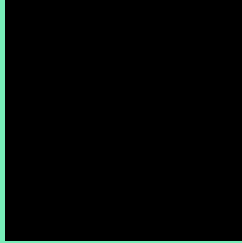
Any Text WCAG AA ✓ Pass

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 77EDB8 Background



This preview shows how black text looks on a background with the Hex color 77EDB8.

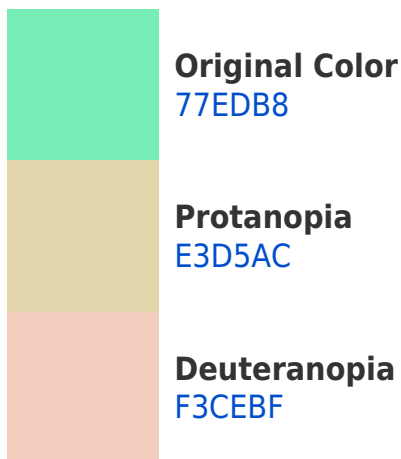


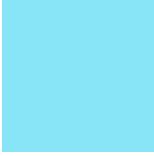
This preview shows how white text looks on a background with the Hex color 77EDB8.

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
88E5F7

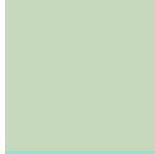
Trichromacy



Original Color
77EDB8



Protanomaly
BCDEB0



Deuteranomaly
C6D9BC



Tritanomaly
82E8E0

Monochromacy



Original Color
77EDB8



Achromatopsia
C4C4C4



Achromatomaly
A8D3C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 77EDB8 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 #77EDB8 looks like.

```
.text, #text, p{  
  color:#77EDB8  
}
```

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 #77EDB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EDB8
}
```

Border

The CSS property to change the border of an element to Hex 77EDB8 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
#77EDB8 }
```

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

```
.border{ border-color:#77EDB8 }
```

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

Here you see how a box with a 4 pixel #77EDB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EDB8; -webkit-box-shadow:4px 4px  
4px 4px #77EDB8; box-shadow:4px 4px 4px  
4px #77EDB8 }
```

Background

The CSS property to change the background color of an element to Hex 77EDB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EDB8 }
```

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

```
.background{ background-color:#77EDB8 }
```

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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