

# Converting Colors

Hex(77EEB3)

Have a look what the booklet for  
Hex(77EEB3) contains.

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**Color**

**Hex(77EEB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77EEB3
RGB	119, 238, 179
RGB Percent	47%, 93%, 70%
CMY	0.5333, 0.0667, 0.2980
CMYK	0.50, 0.00, 0.25, 0.07
HSL	150°, 78%, 70%
HSV	150°, 50%, 93%
XYZ	46.3190, 68.3257, 53.3947
YIQ	195.6930, -51.9850, -43.5770

# Conversions

## Conversions Part 2

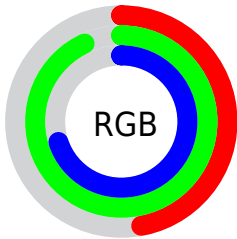
Format	Color
<a href="#">RYB</a>	<a href="#">119, 198, 238</a>
Decimal	<a href="#">7859891</a>
CIELab	<a href="#">86.17, -46.92, 18.44</a>
CIELCh	<a href="#">86, 50.408, 158.545</a>
Yxy	<a href="#">68.3257, 0.2756, 0.4066</a>
Android (android.graphics.Color)	<a href="#">4286049971 (0xFF77EEB3)</a>
YUV	<a href="#">195.6930, -8.2296, -67.2598</a>
Hunter-Lab	<a href="#">82.6594, -44.6297, 19.5625</a>

# Details

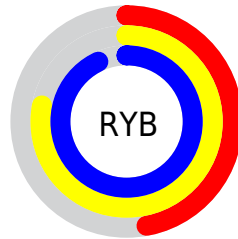
The Hex color **77EEB3** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EE77B2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B1FFEB**, and **39B57E** is the 20% darker color. If you saturate the color by 10%, you get **5FEEA7**, and if you desaturate by 10%, it is **8FEEBF**.

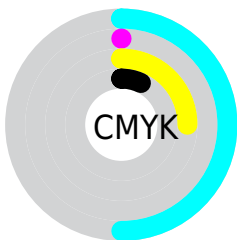
# Distribution



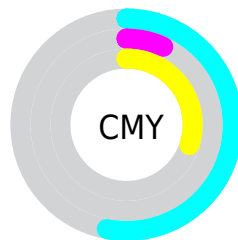
- Red (47%)
- Green (93%)
- Blue (70%)



- Red (47%)
- Yellow (78%)
- Blue (93%)



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)



- Cyan (53%)
- Magenta (7%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77EEB3 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 77EEB3 by changing the saturation by 10% instead.



 77EEB3

FFFFFF

 B1FFEB

 CFFFFFF

 EDFFFF

 77EEB3

 59D198

 39B57E

 0B9A65

 007F4D

 006536

 004C20

 00340A

 001E00

 000000

 77EEB3

 77EEB3

 5FEEA7

 8FEEBF

 47EE9B

 A7EECB

 30EE90

 BEEED6

 18EE84

 D6EEE2

 00EE78

 EEEEE

 FFEEFA

 FFEEFF

# Harmonies

## Analogous

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



B5E68B



77EEB3



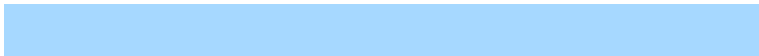
00F1E4

# Triad

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



77EEB3



A6D8FF



FFB99E

# Complementary

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



77EEB3



EE77B2

# 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.



FFB1CC



77EEB3



EEC6FF

# Square

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



77EEB3



3EE6FF



FFB7FC



FFC97F

# Rectangle

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



77EEB3



00F0FF



FFB7FC



FFB5AC

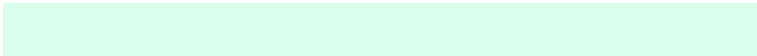


# Sweetspot

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



77EEB3



D9FFEC



B3EE77



698074



000000



808080



# Same Dimension

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



77EEB3



66FFB3



77EEEE



6C7872



00B85D



00381C



# Inverse Universe

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



EE77B2



FF66B2



EE7777



786C72



B8005B

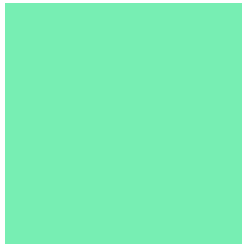


38001C



# Previews

## White Background



This preview shows how the Hex color 77EEB3 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 77EEB3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

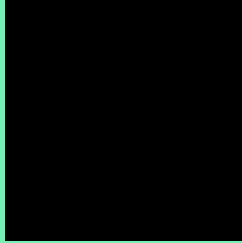
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77EEB3 Background



This preview shows how black text looks on a background with the Hex color 77EEB3.

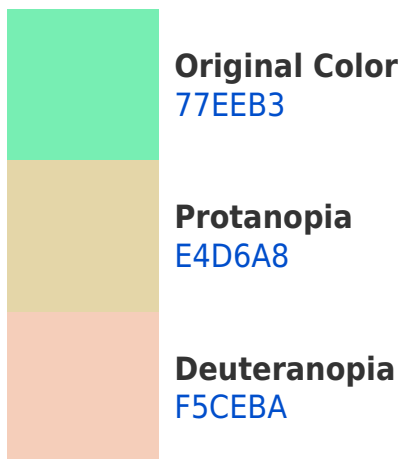


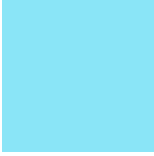
This preview shows how white text looks on a background with the Hex color 77EEB3.

# 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





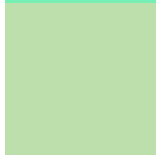
**Tritanopia**  
8AE5F7

# Trichromacy



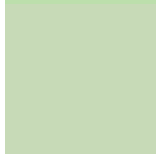
**Original Color**

77EEB3



**Protanomaly**

BCDFAC



**Deuteranomaly**

C7DAB7



**Tritanomaly**

83E8DE

# Monochromacy



**Original Color**

77EEB3



**Achromatopsia**

C4C4C4



**Achromatomaly**

A8D3BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77EEB3 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 #77EEB3 looks like.

```
.text, #text, p{  
    color:#77EEB3  
}
```

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 #77EEB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EEB3
}
```

## Border

The CSS property to change the border of an element to Hex 77EEB3 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
#77EEB3 }
```

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

```
.border{ border-color:#77EEB3 }
```

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

Here you see how a box with a 4 pixel #77EEB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EEB3; -webkit-box-shadow:4px 4px  
4px 4px #77EEB3; box-shadow:4px 4px 4px  
4px #77EEB3 }
```

# Background

The CSS property to change the background color of an element to Hex 77EEB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EEB3 }
```

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

```
.background{ background-color:#77EEB3 }
```

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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