

# Converting Colors

Hex(77EAD4)

Have a look what the booklet for  
Hex(77EAD4) contains.

<b>Hex(77EAD4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(77EAD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77EAD4
RGB	119, 234, 212
RGB Percent	47%, 92%, 83%
CMY	0.5333, 0.0824, 0.1686
CMYK	0.49, 0.00, 0.09, 0.08
HSL	169°, 73%, 69%
HSV	169°, 49%, 92%
XYZ	48.9142, 67.5210, 72.7422
YIQ	197.1070, -61.4780, -31.2220

# Conversions

## Conversions Part 2

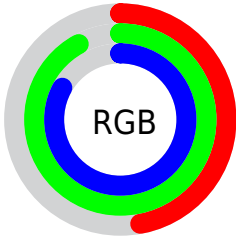
Format	Color
<a href="#">RYB</a>	119, 183, 234
Decimal	7858900
CIELab	85.77, -37.96, 0.62
CIELCh	86, 37.969, 179.064
Yxy	67.5210, 0.2586, 0.3569
Android (android.graphics.Color)	4286048980 (0xFF77EAD4)
YUV	197.1070, 7.3422, -68.4998
Hunter-Lab	82.1712, -37.5435, 5.0333

# Details

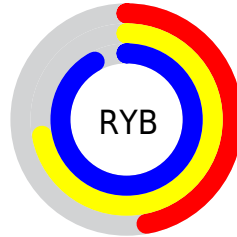
The Hex color **77EAD4** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EA778D**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B2FFFF**, and **39B29D** is the 20% darker color. If you saturate the color by 10%, you get **60EAD0**, and if you desaturate by 10%, it is **8EEAD8**.

# Distribution



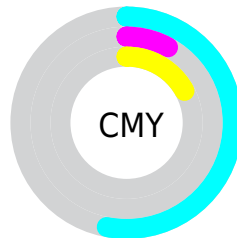
- Red (47%)
- Green (92%)
- Blue (83%)



- Red (47%)
- Yellow (72%)
- Blue (92%)



- Cyan (49%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77EAD4 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 77EAD4 by changing the saturation by 10% instead.



 77EAD4

 77EAD4

FFFFFF

 59CEB8

 B2FFFF

 39B29D

 CFFFFF

 069783

 EDFFFF

 007C6A

 006352

 004A3B

 003226

 001D11

 000000

 77EAD4

 77EAD4

 60EAD0

 8EEAD8

 48EACB

 A6EADD

 31EAC7

 BDEAE1

 19EAC2

 D5EAE6

 02EABE

 ECEAEA

 00EABD

 FFEAEF

 FFEAF3

 FFEAF8

 FFEAFC

# Harmonies

## Analogous

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



A1E6B0



77EAD4



5DE9F8

# Triad

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



77EAD4



DACEFF



FFC89A

# Complementary

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



77EAD4



EA778D

# 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.



FFBEB5



77EAD4



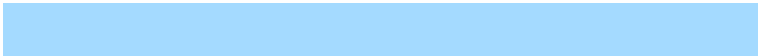
FFC2FC

# Square

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



77EAD4



A4DAFF



FFBBD9



F0D48E

# Rectangle

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



77EAD4



65E6FF



FFBBD9



FFC4A2

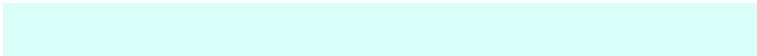


# Sweetspot

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



77EAD4



D9FFF8



8EEA77



69807B



000000



808080



# Same Dimension

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



77EAD4



69FFE2



77C7EA



6A7573



00B592



00362B



# Inverse Universe

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



EA778D



FF6985



EA9A77



756A6C



B50023

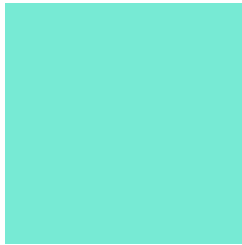


36000A



# Previews

## White Background



This preview shows how the Hex color 77EAD4 looks on a white background.

## Color Contrast Check

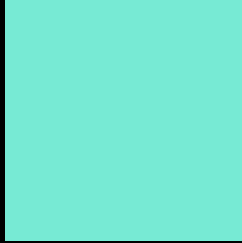
Large Text (above 18pt) WCAG AA × Fail

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 77EAD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

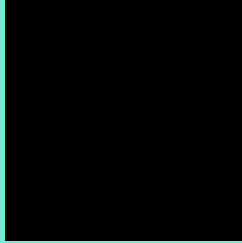
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

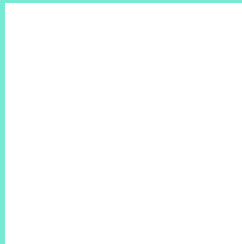
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77EAD4 Background



This preview shows how black text looks on a background with the Hex color 77EAD4.

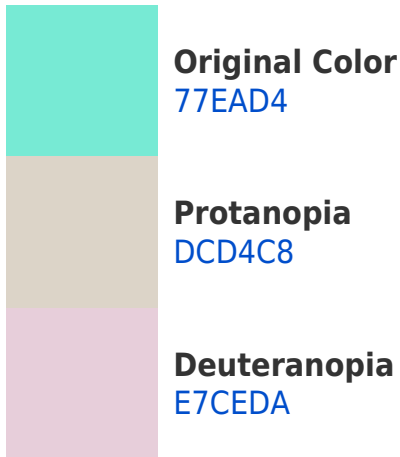


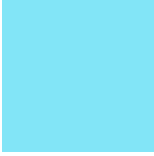
This preview shows how white text looks on a background with the Hex color 77EAD4.

# 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**  
82E5F7

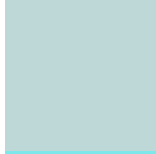
# Trichromacy



**Original Color**  
77EAD4



**Protanomaly**  
B7DCCC



**Deuteranomaly**  
BED8D8

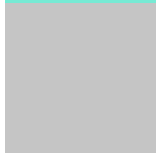


**Tritanomaly**  
7EE7EA

# Monochromacy



**Original Color**  
77EAD4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A9D2CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77EAD4 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 #77EAD4 looks like.

```
.text, #text, p{  
  color:#77EAD4  
}
```

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 #77EAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77EAD4  
}
```

## Border

The CSS property to change the border of an element to Hex 77EAD4 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  
#77EAD4 }
```

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

```
.border{ border-color:#77EAD4 }
```

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

Here you see how a box with a 4 pixel #77EAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77EAD4; -webkit-box-shadow:4px 4px  
4px 4px #77EAD4; box-shadow:4px 4px 4px  
4px #77EAD4 }
```

# Background

The CSS property to change the background color of an element to Hex 77EAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77EAD4 }
```

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

```
.background{ background-color:#77EAD4 }
```

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