

# Converting Colors

Hex(74EAAE)

Have a look what the booklet for  
Hex(74EAAE) contains.

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**Color**

**Hex(74EAAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74EAAE
RGB	116, 234, 174
RGB Percent	45%, 92%, 68%
CMY	0.5451, 0.0824, 0.3176
CMYK	0.50, 0.00, 0.26, 0.08
HSL	149°, 74%, 69%
HSV	149°, 50%, 92%
XYZ	44.2653, 65.6146, 50.3763
YIQ	191.8780, -51.0680, -43.6760

# Conversions

## Conversions Part 2

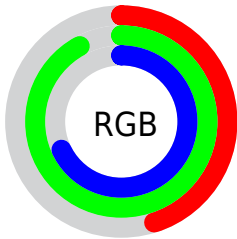
Format	Color
<a href="#">RYB</a>	<a href="#">116, 195, 234</a>
Decimal	<a href="#">7662254</a>
CIELab	<a href="#">84.80, -46.92, 19.11</a>
CIELCh	<a href="#">85, 50.656, 157.842</a>
Yxy	<a href="#">65.6146, 0.2762, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4285852334 (0xFF74EAAE)</a>
YUV	<a href="#">191.8780, -8.8139, -66.5450</a>
Hunter-Lab	<a href="#">81.0029, -44.2109, 19.8291</a>

# Details

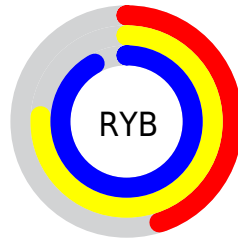
The Hex color **74EAAE** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA74B0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **AEFFE6**, and **36B179** is the 20% darker color. If you saturate the color by 10%, you get **5DEAA2**, and if you desaturate by 10%, it is **8BEABA**.

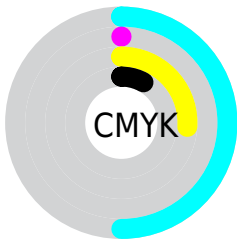
# Distribution



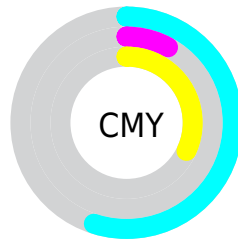
- Red (45%)
- Green (92%)
- Blue (68%)



- Red (45%)
- Yellow (76%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (55%)
- Magenta (8%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74EAAE 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 74EAAE by changing the saturation by 10% instead.



 74EAAE

 74EAAE

FFFFFF

 56CD93

 AEFFE6

 36B179

 CCFFFF

 039660

 E9FFFF

 007C48

 006231

 00491C

 003204

 001900

 000000

 74EAAE

 74EAAE

 5DEAA2

 8BEABA

 45EA96

 A3EAC6

 2EEA8A

 BAEAD2

 16EA7E

 D2EADE

 00EA73

 E9EAE9

 FFEAF5

 FFEAFF

# Harmonies

## Analogous

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



B2E286



74EAAE



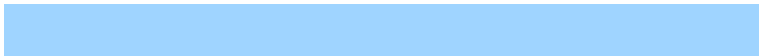
00EDDF

# Triad

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



74EAAE



9FD4FF



FFB59B

# Complementary

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



74EAAE



EA74B0

# 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.



FFADC9



74EAAE



E9C2FF

# Square

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



74EAAE



2EE2FF



FFB3F9



FFC47B

# Rectangle

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



74EAAE



00ECFF



FFB3F9



FFB1AA

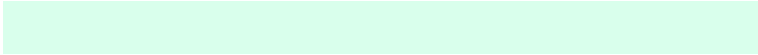


# Sweetspot

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



74EAAE



D9FFEC



B1EA74



698074



000000



808080



# Same Dimension

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



74EAAE



63FFB0



74EAE8



6A756F



00B559



00361A



# Inverse Universe

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



EA74B0



FF63B3



EA7476



756A70



B5005C

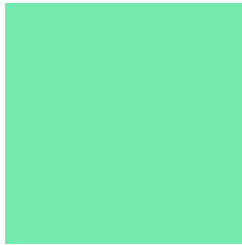


36001B



# Previews

## White Background



This preview shows how the Hex color 74EAAE looks on a white background.

## Color Contrast Check

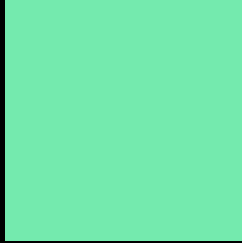
Large Text (above 18pt) WCAG AA × Fail

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 74EAAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

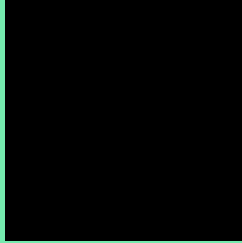
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74EAAE Background



This preview shows how black text looks on a background with the Hex color 74EAAE.

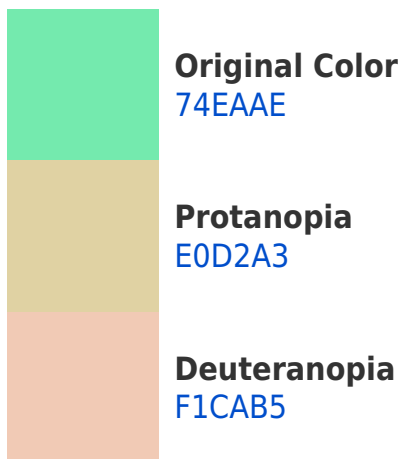


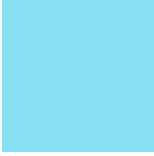
This preview shows how white text looks on a background with the Hex color 74EAAE.

# 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](#).

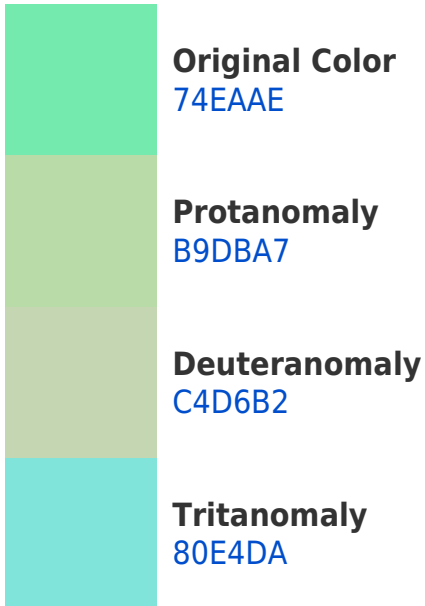
## Dichromacy



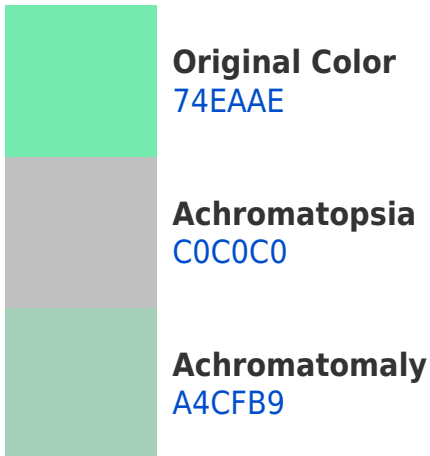


**Tritanopia**  
87E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74EAAE 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 #74EAAE looks like.

```
.text, #text, p{  
    color:#74EAAE  
}
```

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 #74EAAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74EAAE
}
```

## Border

The CSS property to change the border of an element to Hex 74EAAE 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
#74EAAE }
```

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

```
.border{ border-color:#74EAAE }
```

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

Here you see how a box with a 4 pixel #74EAAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74EAAE; -webkit-box-shadow:4px 4px  
4px 4px #74EAAE; box-shadow:4px 4px 4px  
4px #74EAAE }
```

# Background

The CSS property to change the background color of an element to Hex 74EAAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74EAAE }
```

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

```
.background{ background-color:#74EAAE }
```

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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