

Converting Colors

Hex(75EAAA)

Have a look what the booklet for
Hex(75EAAA) contains.

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Color

Hex(75EAAA)

Conversions

Conversions Part 1

Format	Color
Hex	75EAAA
RGB	117, 234, 170
RGB Percent	46%, 92%, 67%
CMY	0.5412, 0.0824, 0.3333
CMYK	0.50, 0.00, 0.27, 0.08
HSL	147°, 74%, 69%
HSV	147°, 50%, 92%
XYZ	44.0146, 65.5298, 48.3589
YIQ	191.7210, -49.1880, -44.7080

Conversions

Conversions Part 2

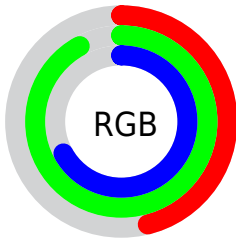
Format	Color
RYB	117, 198, 234
Decimal	7727786
CIELab	84.76, -47.46, 21.12
CIELCh	85, 51.949, 156.007
Yxy	65.5298, 0.2787, 0.4150
Android (android.graphics.Color)	4285917866 (0xFF75EAAA)
YUV	191.7210, -10.7085, -65.5303
Hunter-Lab	80.9505, -44.6088, 21.2462

Details

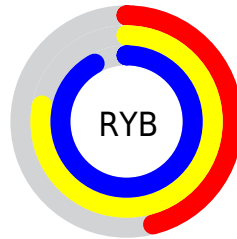
The Hex color **75EAAA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **EA75B5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **AFFFE1**, and **38B176** is the 20% darker color. If you saturate the color by 10%, you get **5EEA9D**, and if you desaturate by 10%, it is **8CEAB7**.

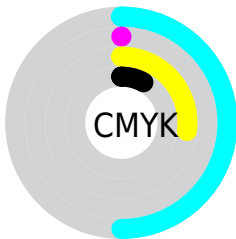
Distribution



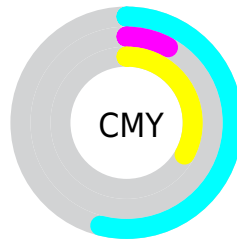
- Red (46%)
- Green (92%)
- Blue (67%)



- Red (46%)
- Yellow (78%)
- Blue (92%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (54%)
- Magenta (8%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75EAAA 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 75EAAA by changing the saturation by 10% instead.

 75EAAA

 75EAAA

FFFFFF

 57CD8F

 AFFFE1

 38B176

 CDFFFE

 08965D

 EAFFFF

 007C45

 00622E

 004918

 003100

 001900

 000000

 75EAAA

 75EAAA

 5EEA9D

 8CEAB7

 46EA90

 A4EAC4

 2FEA84

 BBEAD0

 17EA77

 D3EADD

 00EA6A

 EAEAEA

 FFEAF7

 FFEAFF

Harmonies

Analogous

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



B5E282



75EAAA



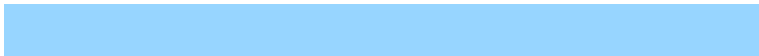
00EDDC

Triad

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



75EAAA



97D5FF



FFB39C

Complementary

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



75EAAA



EA75B5

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.



FFACCB



75EAAA



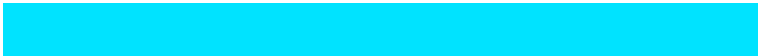
E5C3FF

Square

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



75EAAA



00E3FF



FFB2FC



FFC37A

Rectangle

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



75EAAA



00EDFD



FFB2FC



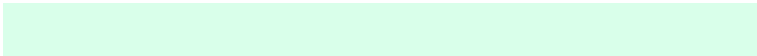
FFAFAB

Sweetspot

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



75EAAA



D9FFEA



B5EA75



698073



000000



808080

Same Dimension

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



75EAAA



66FFAB



75EAE4



6A756F



00B552



003618

Inverse Universe

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



EA75B5



FF66BA



EA757B



756A70



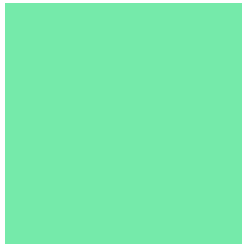
B50063



36001D

Previews

White Background



This preview shows how the Hex color 75EAAA 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 75EAAA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

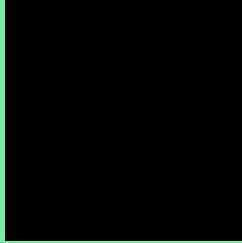
Any Text WCAG AA ✓ Pass

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 75EAAA Background



This preview shows how black text looks on a background with the Hex color 75EAAA.

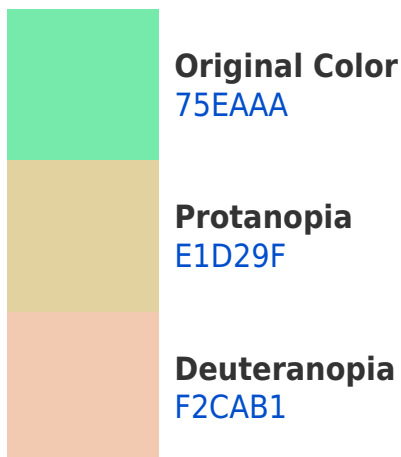


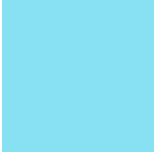
This preview shows how white text looks on a background with the Hex color 75EAAA.

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





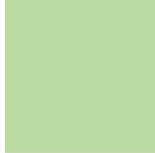
Tritanopia
88E1F3

Trichromacy



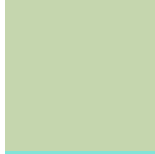
Original Color

75EAAA



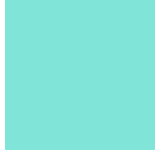
Protanomaly

BADBA3



Deuteranomaly

C5D6AE



Tritanomaly

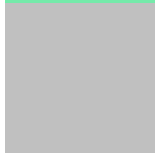
81E4D8

Monochromacy



Original Color

75EAAA



Achromatopsia

C0C0C0



Achromatomaly

A5CFB8

CSS Examples

Text

The CSS property to change the color of the text to Hex 75EAAA 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 #75EAAA looks like.

```
.text, #text, p{  
    color:#75EAAA  
}
```

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 #75EAAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75EAAA
}
```

Border

The CSS property to change the border of an element to Hex 75EAAA 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
#75EAAA }
```

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

```
.border{ border-color:#75EAAA }
```

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

Here you see how a box with a 4 pixel #75EAAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75EAAA; -webkit-box-shadow:4px 4px  
4px 4px #75EAAA; box-shadow:4px 4px 4px  
4px #75EAAA }
```

Background

The CSS property to change the background color of an element to Hex 75EAAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75EAAA }
```

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

```
.background{ background-color:#75EAAA }
```

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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