

# Converting Colors

Hex(75AEA1)

Have a look what the booklet for  
Hex(75AEA1) contains.

<b>Hex(75AEA1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(75AEA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75AEA1
RGB	117, 174, 161
RGB Percent	46%, 68%, 63%
CMY	0.5412, 0.3176, 0.3686
CMYK	0.33, 0.00, 0.07, 0.32
HSL	166°, 26%, 57%
HSV	166°, 33%, 68%
XYZ	28.9052, 36.6272, 39.2645
YIQ	155.4750, -29.7990, -16.1270

# Conversions

## Conversions Part 2

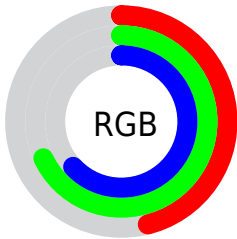
Format	Color
<a href="#">RYB</a>	<a href="#">117, 149, 174</a>
Decimal	<a href="#">7712417</a>
CIELab	<a href="#">67.00, -21.50, 0.74</a>
CIELCh	<a href="#">67, 21.516, 178.026</a>
Yxy	<a href="#">36.6272, 0.2758, 0.3495</a>
Android (android.graphics.Color)	<a href="#">4285902497 (0xFF75AEA1)</a>
YUV	<a href="#">155.4750, 2.7238, -33.7426</a>
Hunter-Lab	<a href="#">60.5204, -20.6573, 3.8981</a>

# Details

The Hex color **75AEA1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AE7582**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ABE6D8**, and **42796E** is the 20% darker color. If you saturate the color by 10%, you get **64AE9D**, and if you desaturate by 10%, it is **86AEA5**.

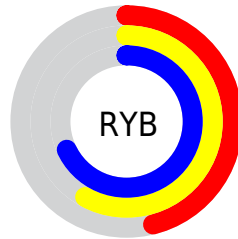
# Distribution



Red (46%)

Green (68%)

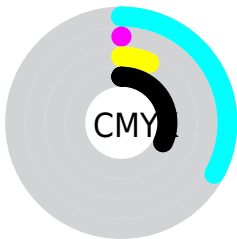
Blue (63%)



Red (46%)

Yellow (58%)

Blue (68%)

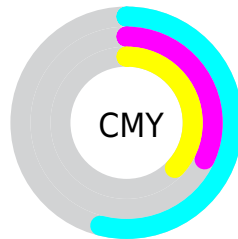


Cyan (33%)

Magenta (0%)

Yellow (7%)

Black (32%)



Cyan (54%)

Magenta (32%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75AEA1 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 75AEA1 by changing the saturation by 10% instead.





75AEA1



75AEA1

FFFFFF



5B9387



ABE6D8



42796E



C7FFF4



286055



E3FFFF



0B483E



003128



001E14



000000



75AEA1



75AEA1



64AE9D



86AEA5

 52AE99

 98AEA9

 41AE95

 A9AEAD

 2FAE91

 BBAEB1

 1EAE8D

 CCAEB5

 0DAE89

 DDAEB9

 00AE86

 EFAEBD

 FFAEC1

 FFAEC5

# Harmonies

## Analogous

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



88AC8E



75AEA1



6CAEB4

# Triad

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



75AEA1



A59FC5



C39B83

# Complementary

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



75AEA1



AE7582

# 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.



CB9692



75AEA1



BB99B8

# Square

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



75AEA1



8AA5C9



C895A5



B3A17D

# Rectangle

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



75AEA1



70ACBF



C895A5



C69987



# Sweetspot

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



75AEA1



CCE3DE



82AE75



657370



F2F2F2



737373



# Same Dimension

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



75AEA1



8AE3CF



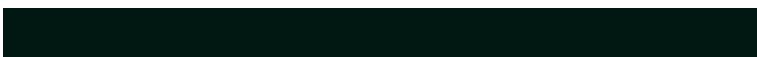
759FAE



4E5755



009674



001712



# Inverse Universe

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



AE7582



E38A9F



AE8475



574E50



960022



170005



# Previews

## White Background



This preview shows how the Hex color 75AEA1 looks on a white background.

## Color Contrast Check

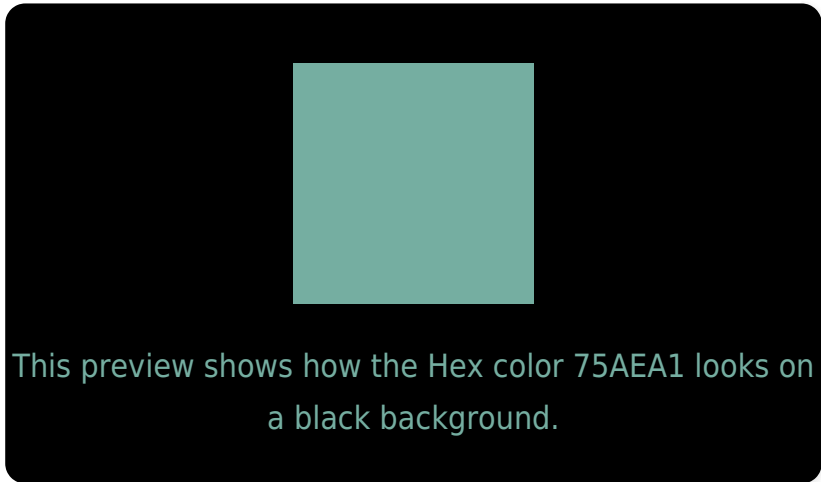
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

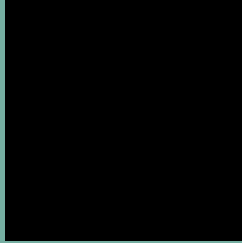
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75AEA1 Background



This preview shows how black text looks on a background with the Hex color 75AEA1.

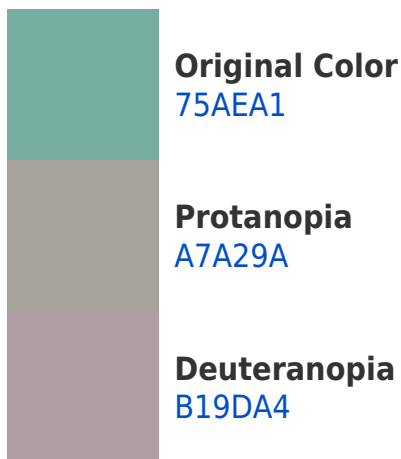


This preview shows how white text looks on a background with the Hex color 75AEA1.

# 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](#).

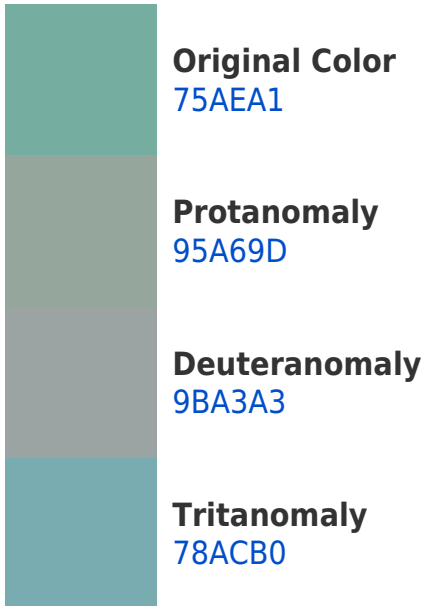
## Dichromacy



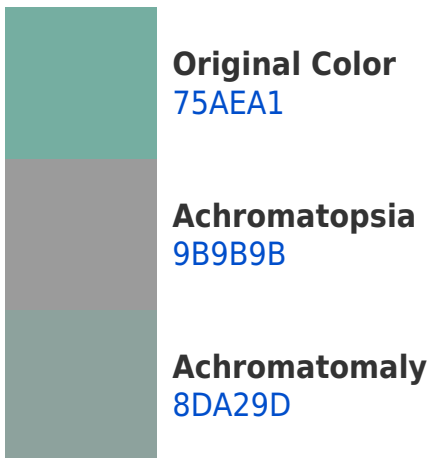


**Tritanopia**  
7AABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75AEA1 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 #75AEA1 looks like.

```
.text, #text, p{  
    color:#75AEA1  
}
```

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 #75AEA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75AEA1
}
```

## Border

The CSS property to change the border of an element to Hex 75AEA1 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
#75AEA1 }
```

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

```
.border{ border-color:#75AEA1 }
```

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

Here you see how a box with a 4 pixel #75AEA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75AEA1; -webkit-box-shadow:4px 4px  
4px 4px #75AEA1; box-shadow:4px 4px 4px  
4px #75AEA1 }
```

# Background

The CSS property to change the background color of an element to Hex 75AEA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75AEA1 }
```

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

```
.background{ background-color:#75AEA1 }
```

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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