

# Converting Colors

Hex(117EAB)

Have a look what the booklet for  
Hex(117EAB) contains.

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# Color

Hex(117EAB)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	117EAB
RGB	17, 126, 171
RGB Percent	7%, 49%, 67%
CMY	0.9333, 0.5059, 0.3294
CMYK	0.90, 0.26, 0.00, 0.33
HSL	198°, 82%, 37%
HSV	198°, 90%, 67%
XYZ	15.0427, 17.9812, 41.2060
YIQ	98.5390, -79.4090, -9.1130

# Conversions

## Conversions Part 2

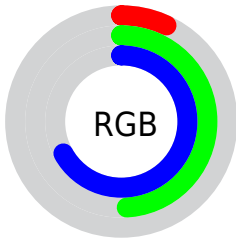
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 81, 171
Decimal	1146539
CIELab	49.47, -11.75, -31.78
CIELCh	49, 33.884, 249.702
Yxy	17.9812, 0.2027, 0.2422
Android (android.graphics.Color)	4279336619 (0xFF117EAB)
YUV	98.5390, 35.7233, -71.5097
Hunter-Lab	42.4042, -10.8852, -27.9317

# Details

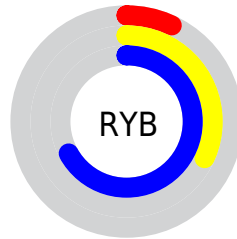
The Hex color **117EAB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB3E11**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5EB3E3**, and **004D76** is the 20% darker color. If you saturate the color by 10%, you get **0079AB**, and if you desaturate by 10%, it is **2283AB**.

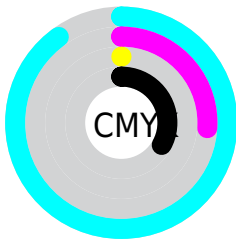
# Distribution



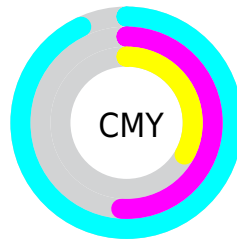
- Red (7%)
- Green (49%)
- Blue (67%)



- Red (7%)
- Yellow (32%)
- Blue (67%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (51%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 117EAB 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 117EAB by changing the saturation by 10% instead.



■ 117EAB

■ 117EAB

FFFFFF

■ 006590

■ 5EB3E3

■ 004D76

■ 7CCEFF

■ 00365E

■ 9AEAFF

■ 002146

■ B8FFFF

■ 00042F

■ D5FFFF

■ 00011A

■ F3FFFF

■ 000000

■ 117EAB

■ 117EAB

■ 0079AB

■ 2283AB

 3388AB

 448DAB

 5592AB

 6697AB

 789CAB

 89A1AB

 9AA6AB

 ABABAB

# Harmonies

## Analogous

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



008399



117EAB



5975AE

# Triad

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



117EAB



AC5E6D



5F7F48

# Complementary

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



117EAB



AB3E11

# 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.



7E773C



117EAB



A86352

# Square

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



117EAB



A1618A



986D40



398361

# Rectangle

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



117EAB



786EA8



986D40



6A7C42



# Sweetspot

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



117EAB



A2CCDE



11AB3D



4C6670



F0F0F0



707070



# Same Dimension

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



117EAB



009DDE



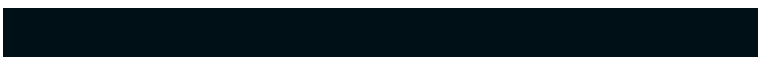
1132AB



4E5457



006A96



001017



# Inverse Universe

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



AB117E



DE009D



AB8A11



574E54



96006A



170010



# Previews

## White Background



This preview shows how the Hex color 117EAB looks on a white background.

## Color Contrast Check

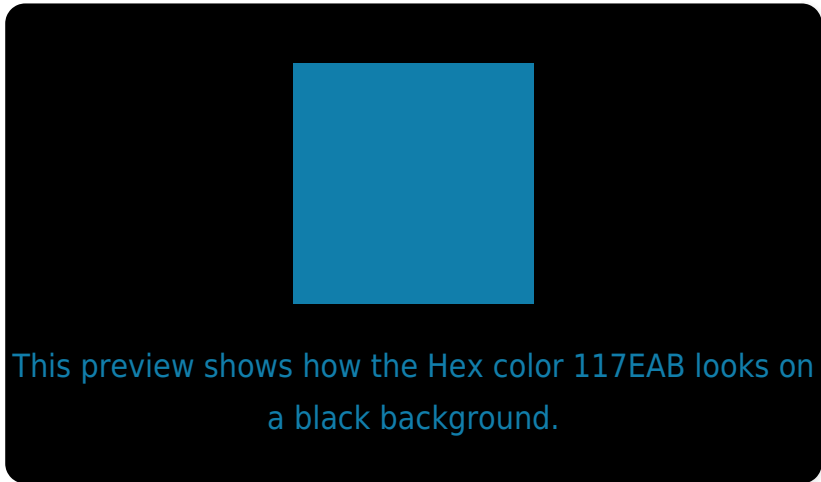
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

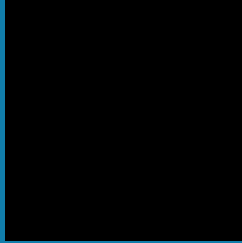
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 117EAB Background



This preview shows how black text looks on a background with the Hex color 117EAB.

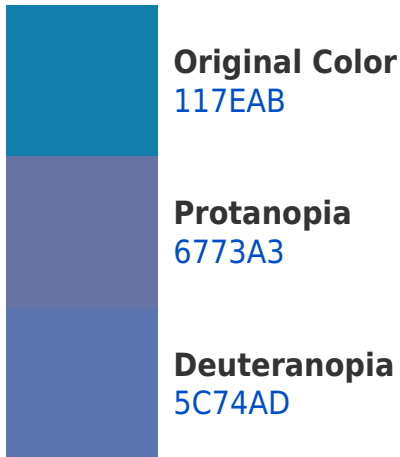


This preview shows how white text looks on a background with the Hex color 117EAB.

# Color Blindness Simulation

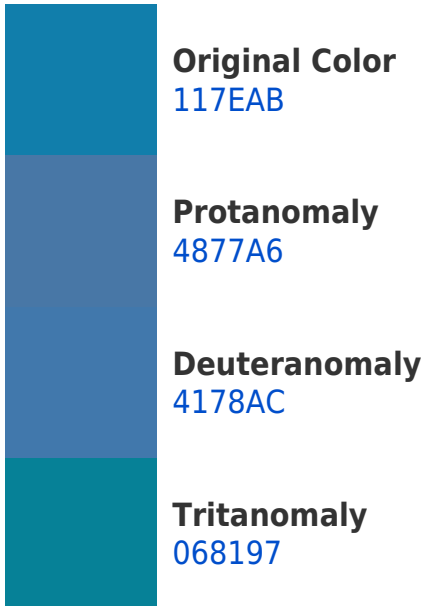
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

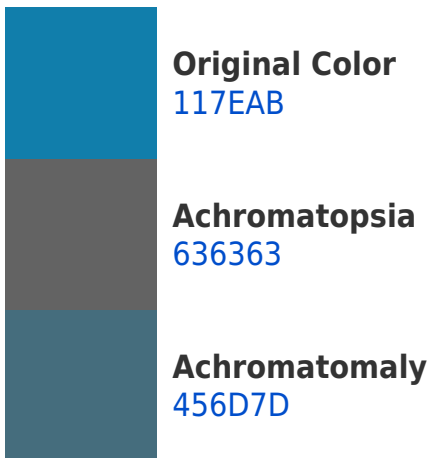




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 117EAB 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 #117EAB looks like.

```
.text, #text, p{  
    color:#117EAB  
}
```

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 #117EAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #117EAB
}
```

## Border

The CSS property to change the border of an element to Hex 117EAB 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
#117EAB }
```

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

```
.border{ border-color:#117EAB }
```

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

Here you see how a box with a 4 pixel #117EAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #117EAB; -webkit-box-shadow:4px 4px  
4px 4px #117EAB; box-shadow:4px 4px 4px  
4px #117EAB }
```

# Background

The CSS property to change the background color of an element to Hex 117EAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#117EAB }
```

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

```
.background{ background-color:#117EAB }
```

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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