

# Converting Colors

Hex(1EABAB)

Have a look what the booklet for  
Hex(1EABAB) contains.

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# Color

**Hex(1EABAB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EABAB
RGB	30, 171, 171
RGB Percent	12%, 67%, 67%
CMY	0.8824, 0.3294, 0.3294
CMYK	0.82, 0.00, 0.00, 0.33
HSL	180°, 70%, 39%
HSV	180°, 82%, 67%
XYZ	22.4490, 32.3421, 43.5875
YIQ	128.8410, -84.0360, -29.8920

# Conversions

## Conversions Part 2

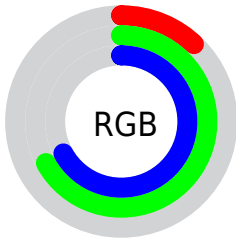
Format	Color
<a href="#">RYB</a>	<a href="#">30, 101, 171</a>
Decimal	<a href="#">2010027</a>
CIELab	<a href="#">63.62, -34.14, -10.12</a>
CIELCh	<a href="#">64, 35.607, 196.505</a>
Yxy	<a href="#">32.3421, 0.2282, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4280200107</a> ( <a href="#">0xFF1EABAB</a> )
YUV	<a href="#">128.8410, 20.7844, -86.6836</a>
Hunter-Lab	<a href="#">56.8701, -29.0613, -5.6331</a>

# Details

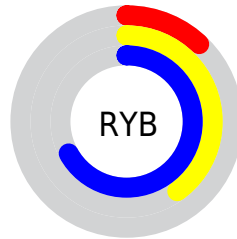
The Hex color **1EABAB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB1E1E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **68E3E2**, and **007677** is the 20% darker color. If you saturate the color by 10%, you get **0DABAB**, and if you desaturate by 10%, it is **2FABAB**.

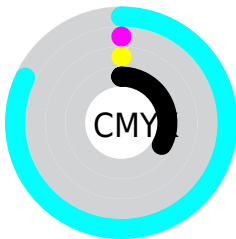
# Distribution



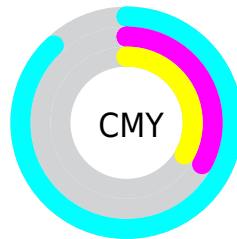
- Red (12%)
- Green (67%)
- Blue (67%)



- Red (12%)
- Yellow (40%)
- Blue (67%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (33%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EABAB 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 1EABAB by changing the saturation by 10% instead.



 1EABAB

 1EABAB

FFFFFF

 009091

 68E3E2

 007677

 87FFFF

 005D5E

 A5FFFF

 004547

 C3FFFF

 002D30

 E1FFFF

 00161C

 000000

 1EABAB

 1EABAB

 0DABAB

 2FABAB

00ABAB

40ABAB

51ABAB

62ABAB

73ABAB

85ABAB

96ABAB

A7ABAB

B8ABAB

# Harmonies

## Analogous

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



51AA8A



1EABAB



12A8C7

# Triad

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



1EABAB



B48CC6



BB935C

# Complementary

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



1EABAB



AB1E1E

# 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.



D0896D



1EABAB



CF83AA

# Square

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



1EABAB



8897D7



D8828A



9D9E5C

# Rectangle

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



1EABAB



3DA4D4



D8828A



C49060



# Sweetspot

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



1EABAB



A6DEDE



1EAB1E



4F7070



F0F0F0



707070



# Same Dimension

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



1EABAB



02DEDE



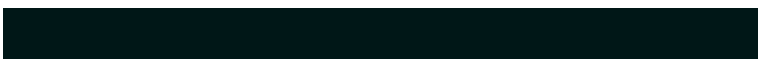
1E64AB



4E5757



009696



001717



# Inverse Universe

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



AB1EAB



DE02DE



AB641E



574E57



960096



170017



# Previews

## White Background



This preview shows how the Hex color 1EABAB looks on a white background.

## Color Contrast Check

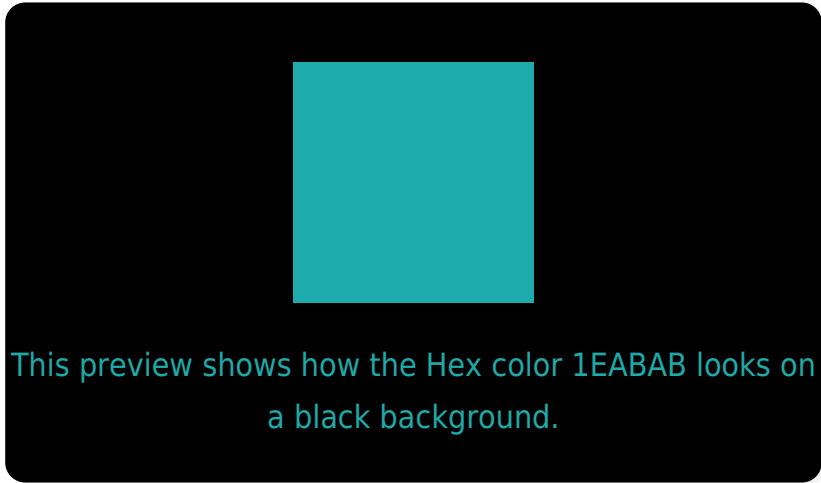
Large Text (above 18pt) WCAG AA × Fail

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

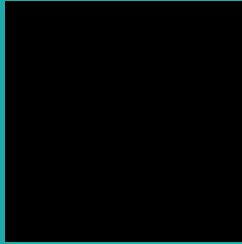
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1EABAB Background



This preview shows how black text looks on a background with the Hex color 1EABAB.

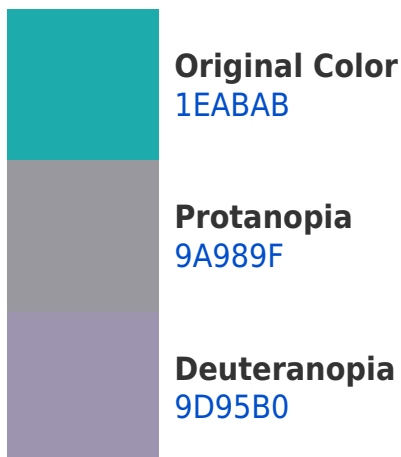


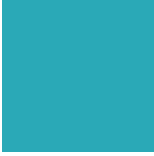
This preview shows how white text looks on a background with the Hex color 1EABAB.

# 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



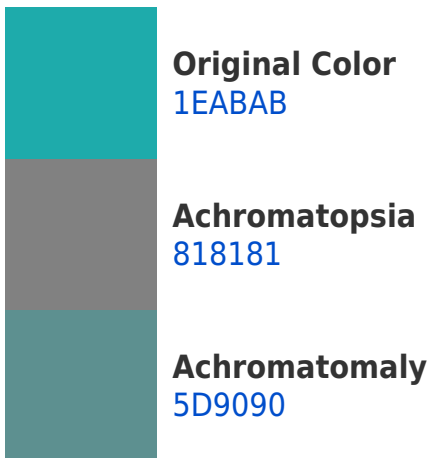


**Tritanopia**  
2AA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EABAB 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 #1EABAB looks like.

```
.text, #text, p{  
    color:#1EABAB  
}
```

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 #1EABAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EABAB
}
```

## Border

The CSS property to change the border of an element to Hex 1EABAB 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
#1EABAB }
```

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

```
.border{ border-color:#1EABAB }
```

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

Here you see how a box with a 4 pixel #1EABAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EABAB; -webkit-box-shadow:4px 4px  
4px 4px #1EABAB; box-shadow:4px 4px 4px  
4px #1EABAB }
```

# Background

The CSS property to change the background color of an element to Hex 1EABAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EABAB }
```

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

```
.background{ background-color:#1EABAB }
```

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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