

# Converting Colors

Hex(1EEABA)

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

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# Color

Hex(1EEABA)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EEABA
RGB	30, 234, 186
RGB Percent	12%, 92%, 73%
CMY	0.8824, 0.0824, 0.2706
CMYK	0.87, 0.00, 0.21, 0.08
HSL	166°, 83%, 52%
HSV	166°, 87%, 92%
XYZ	38.8212, 62.6668, 56.5042
YIQ	167.5320, -106.1760, -58.1760

# Conversions

## Conversions Part 2

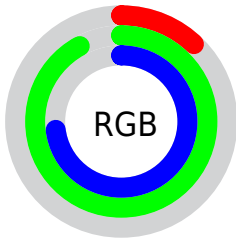
Format	Color
<a href="#">RYB</a>	<a href="#">30, 146, 234</a>
Decimal	<a href="#">2026170</a>
CIELab	<a href="#">83.27, -56.90, 10.43</a>
CIELCh	<a href="#">83, 57.845, 169.613</a>
Yxy	<a href="#">62.6668, 0.2457, 0.3966</a>
Android (android.graphics.Color)	<a href="#">4280216250 (0xFF1EEABA)</a>
YUV	<a href="#">167.5320, 9.1047, -120.6156</a>
Hunter-Lab	<a href="#">79.1624, -50.9979, 13.0939</a>

# Details

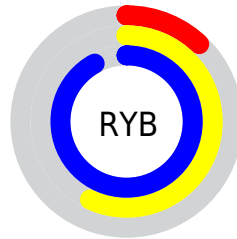
The Hex color **1EEABA** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EA1E4E**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **75FFF2**, and **00B185** is the 20% darker color. If you saturate the color by 10%, you get **07EAB4**, and if you desaturate by 10%, it is **35EAC0**.

# Distribution



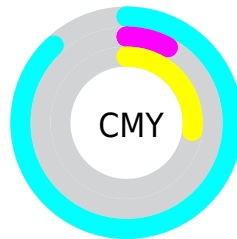
- Red (12%)
- Green (92%)
- Blue (73%)



- Red (12%)
- Yellow (57%)
- Blue (92%)



- Cyan (87%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)



- Cyan (88%)
- Magenta (8%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 1EEABA

 1EEABA

FFFFFF

 00CD9F

 75FFF2

 00B185

 97FFFF

 00956C

 B7FFFF

 007B53

 D6FFFF

 00613C

 F6FFFF

 004726

 003112

 001400

 000000

 1EEABA

 1EEABA

 07EAB4

 35EAC0

 00EAB3

 4DEAC5

 64EACB

 7CEAD0

 93EAD6

 AAEADB

 C2EAE1

 D9EAE6

 F1EAEC

# Harmonies

## Analogous

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



8DE486



1EEABA



00EBF2

# Triad

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



1EEABA



B5C9FF



FFB27E

# Complementary

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



1EEABA



EA1E4E

# 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.



FFA3AE



1EEABA



FFB3FF

# Square

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



1EEABA



2BDBFF



FFA4E5



FFC662

# Rectangle

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



1EEABA



00E9FF



FFA4E5



FFAC8D

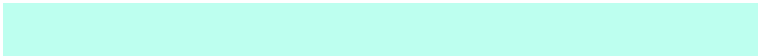


# Sweetspot

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



1EEABA



BDFFEF



51EA1E



588076



000000



808080



# Same Dimension

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



1EEABA



00FFC3



1EB7EA



6A7573



00B58A



003629



# Inverse Universe

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



EA1E4E



FF003C



EA511E



756A6C



B5002B

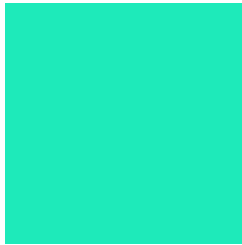


36000D



# Previews

## White Background



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

## Color Contrast Check

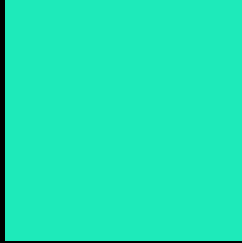
Large Text (above 18pt) WCAG AA × Fail

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 1EEABA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

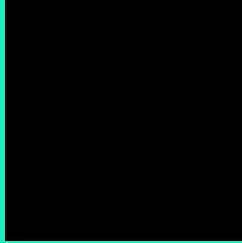
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

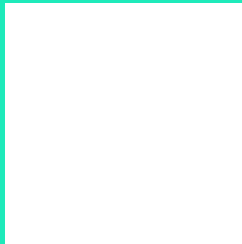
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1EEABA Background



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

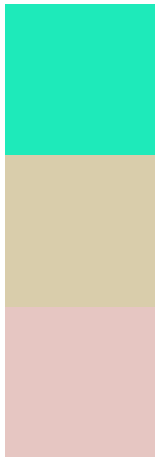


This preview shows how white text looks on a background with the Hex color 1EEABA.

# 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](#).

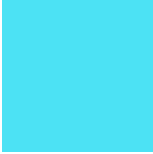
## Dichromacy



**Original Color**  
1EEABA

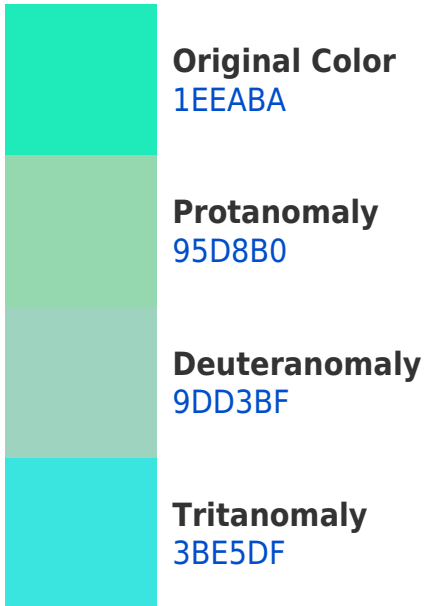
**Protanopia**  
D9CDAB

**Deuteranopia**  
E6C6C2

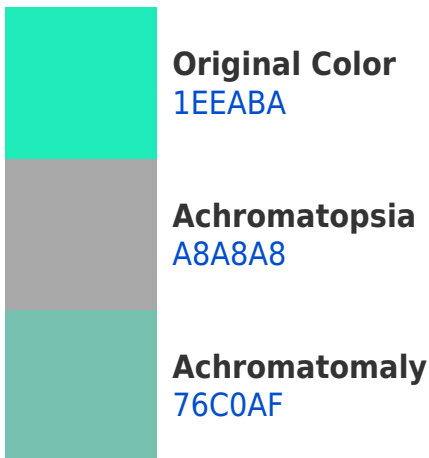


**Tritanopia**  
4CE2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #1EEABA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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