

# Converting Colors

Hex(0FEABB)

Have a look what the booklet for  
Hex(0FEABB) contains.

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# Color

**Hex(0FEABB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FEABB
RGB	15, 234, 187
RGB Percent	6%, 92%, 73%
CMY	0.9412, 0.0824, 0.2667
CMYK	0.94, 0.00, 0.20, 0.08
HSL	167°, 88%, 49%
HSV	167°, 94%, 92%
XYZ	38.5895, 62.5351, 57.0503
YIQ	163.1610, -115.4370, -61.0450

# Conversions

## Conversions Part 2

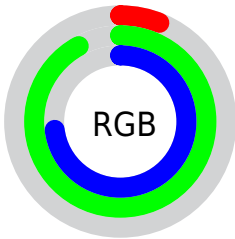
Format	Color
<a href="#">RYB</a>	<a href="#">15, 138, 234</a>
Decimal	<a href="#">1043131</a>
CIELab	<a href="#">83.20, -57.34, 9.79</a>
CIELCh	<a href="#">83, 58.167, 170.307</a>
Yxy	<a href="#">62.5351, 0.2440, 0.3954</a>
Android (android.graphics.Color)	<a href="#">4279233211 (0xFF0FEABB)</a>
YUV	<a href="#">163.1610, 11.7526, -129.9372</a>
Hunter-Lab	<a href="#">79.0791, -51.2830, 12.5816</a>

# Details

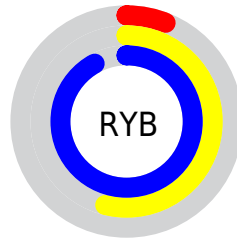
The Hex color **0FEABB** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EA0F3E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **71FFF3**, and **00B186** is the 20% darker color. If you saturate the color by 10%, you get **00EAB8**, and if you desaturate by 10%, it is **26EAC0**.

# Distribution



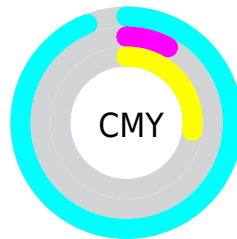
- Red (6%)
- Green (92%)
- Blue (73%)



- Red (6%)
- Yellow (54%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (94%)
- Magenta (8%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FEABB 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 0FEABB by changing the saturation by 10% instead.



 0FEABB

 0FEABB

FFFFFF

 00CDA0

 71FFF3

 00B186

 93FFFF

 00956D

 B3FFFF

 007B54

 D3FFFF

 00603D

 F3FFFF

 004727

 003113

 001300

 000000

 0FEABB

 0FEABB

 00EAB8

 26EAC0

 3EEAC5

 55EACA

 6DEACF

 84EAD4

 9BEAD9

 B3EADE

 CAEAE3

 E2EAE8

# Harmonies

## Analogous

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



8BE487



0FEABB



00EBF3

# Triad

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



0FEABB



B7C8FF



FFB27D

# Complementary

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



0FEABB



EA0F3E

# 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.



FFA3AC



0FEABB



FFB2FF

# Square

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



0FEABB



2EDAFF



FFA3E3



FFC661

# Rectangle

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



0FEABB



00E8FF



FFA3E3



FFAC8B

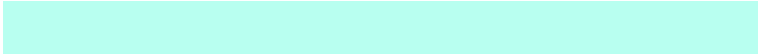


# Sweetspot

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



0FEABB



B8FFF0



3EEA0F



548076



000000



808080



# Same Dimension

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



0FEABB



00FFC8



0FACEA



6A7573



00B58E



00362A



# Inverse Universe

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



EA0F3E



FF0037



EA4D0F



756A6C



B50027

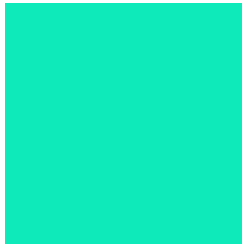


36000B



# Previews

## White Background



This preview shows how the Hex color 0FEABB looks on a white background.

## Color Contrast Check

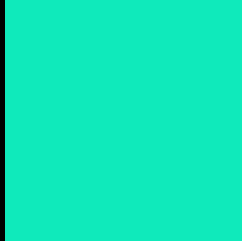
Large Text (above 18pt) WCAG AA × Fail

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 0FEABB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

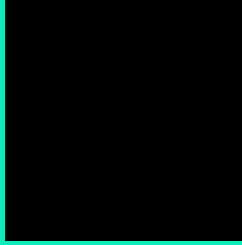
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0FEABB Background



This preview shows how black text looks on a background with the Hex color 0FEABB.

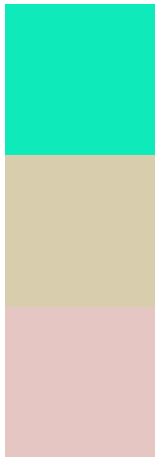


This preview shows how white text looks on a background with the Hex color 0FEABB.

# 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](#).

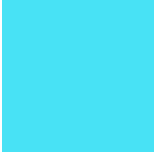
## Dichromacy



**Original Color**  
0FEABB

**Protanopia**  
D8CDAC

**Deuteranopia**  
E5C6C3

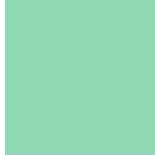


**Tritanopia**  
48E2F5

# Trichromacy



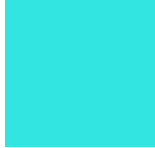
**Original Color**  
0FEABB



**Protanomaly**  
8FD8B1



**Deuteranomaly**  
97D3C0

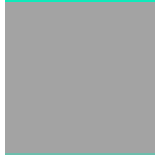


**Tritanomaly**  
33E5E0

# Monochromacy



**Original Color**  
0FEABB



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
6DBDAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FEABB 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 #0FEABB looks like.

```
.text, #text, p{  
    color:#0FEABB  
}
```

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 #0FEABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FEABB
}
```

## Border

The CSS property to change the border of an element to Hex 0FEABB 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
#0FEABB }
```

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

```
.border{ border-color:#0FEABB }
```

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

Here you see how a box with a 4 pixel #0FEABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FEABB; -webkit-box-shadow:4px 4px  
4px 4px #0FEABB; box-shadow:4px 4px 4px  
4px #0FEABB }
```

# Background

The CSS property to change the background color of an element to Hex 0FEABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FEABB }
```

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

```
.background{ background-color:#0FEABB }
```

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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