

# Converting Colors

Hex(0EEA9B)

Have a look what the booklet for  
Hex(0EEA9B) contains.

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# Color

**Hex(0EEA9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EEA9B
RGB	14, 234, 155
RGB Percent	5%, 92%, 61%
CMY	0.9451, 0.0824, 0.3922
CMYK	0.94, 0.00, 0.34, 0.08
HSL	158°, 89%, 49%
HSV	158°, 94%, 92%
XYZ	35.5203, 61.3056, 40.9714
YIQ	159.2140, -105.7610, -71.2090

# Conversions

## Conversions Part 2

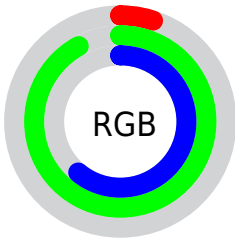
Format	Color
R <sub>YB</sub>	14, 148, 234
Decimal	977563
CIE Lab	82.54, -64.60, 25.51
CIE LCh	83, 69.458, 158.451
Yxy	61.3056, 0.2578, 0.4449
Android (android.graphics.Color)	4279167643 (0xFF0EEA9B)
YUV	159.2140, -2.0775, -127.3527
Hunter-Lab	78.2979, -56.0436, 23.7835

# Details

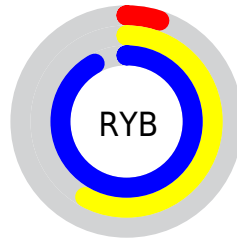
The Hex color **0EEA9B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EA0E5D**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **70FFD2**, and **00B167** is the 20% darker color. If you saturate the color by 10%, you get **00EA96**, and if you desaturate by 10%, it is **25EAA3**.

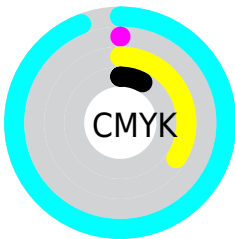
# Distribution



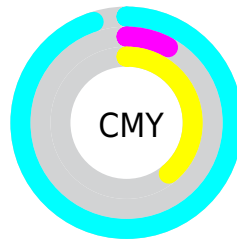
- Red (5%)
- Green (92%)
- Blue (61%)



- Red (5%)
- Yellow (58%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (34%)
- Black (8%)



- Cyan (95%)
- Magenta (8%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EEA9B 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 0EEA9B by changing the saturation by 10% instead.



 0EEA9B

 0EEA9B

FFFFFF

 00CD81

 70FFD2

 00B167

 92FFEE

 00954F

 B2FFFF


 007A37

 D1FFFF

 006020

 F1FFFF

 004609

 002F00

 001000

 000000

 0EEA9B

 0EEA9B

 00EA96

 25EAA3

 3DEAAC

 54EAB4

 6CEABD

 83EAC5

 9AEACD

 B2EAD6

 C9EADE

 E1EAE7

# Harmonies

## Analogous

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



9AE161



0EEA9B



00EDDF

# Triad

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



0EEA9B



70CEFF



FFA080

# Complementary

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



0EEA9B



EA0E5D

# 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.



FF92BD



0EEA9B



E9B4FF

# Square

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



0EEA9B



00E1FF



FF9BFF



FFB951

# Rectangle

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



0EEA9B



00ECFF



FF9BFF



FF9993

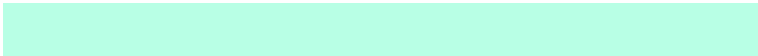


# Sweetspot

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



0EEA9B



B8FFE5



5FEA0E



548070



000000



808080



# Same Dimension

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



0EEA9B



00FFA3



0ECDEA



6A7571



00B574



003622



# Inverse Universe

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



EA0E5D



FF005C



EA2B0E



756A6E



B50041

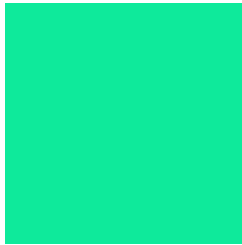


360013



# Previews

## White Background



This preview shows how the Hex color 0EEA9B looks on a white background.

## Color Contrast Check

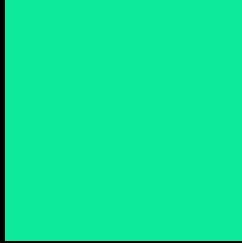
Large Text (above 18pt) WCAG AA × Fail

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 0EEA9B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

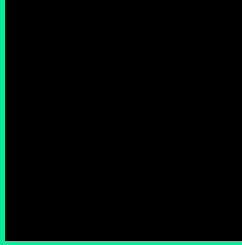
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EEA9B Background



This preview shows how black text looks on a background with the Hex color 0EEA9B.

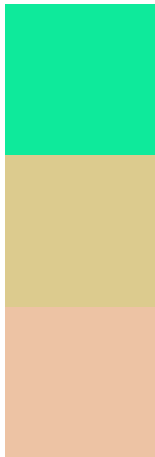


This preview shows how white text looks on a background with the Hex color 0EEA9B.

# 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](#).

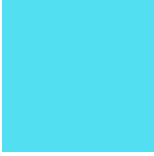
## Dichromacy



**Original Color**  
0EEA9B

**Protanopia**  
DCCB8E

**Deuteranopia**  
EDC3A4



**Tritanopia**  
52DFF1

# Trichromacy



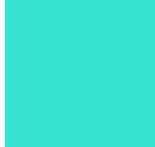
**Original Color**  
0EEA9B



**Protanomaly**  
91D693



**Deuteranomaly**  
9CD1A1



**Tritanomaly**  
39E3D2

# Monochromacy



**Original Color**  
0EEA9B



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
6ABA9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EEA9B 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 #0EEA9B looks like.

```
.text, #text, p{  
    color:#0EEA9B  
}
```

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 #0EEA9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EEA9B  
}
```

## Border

The CSS property to change the border of an element to Hex 0EEA9B 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  
#0EEA9B }
```

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

```
.border{ border-color:#0EEA9B }
```

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

Here you see how a box with a 4 pixel #0EEA9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EEA9B; -webkit-box-shadow:4px 4px  
4px 4px #0EEA9B; box-shadow:4px 4px 4px  
4px #0EEA9B }
```

# Background

The CSS property to change the background color of an element to Hex 0EEA9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EEA9B }
```

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

```
.background{ background-color:#0EEA9B }
```

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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