

# Converting Colors

Hex(0BE9C4)

Have a look what the booklet for  
Hex(0BE9C4) contains.

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# Color

Hex(0BE9C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	0BE9C4
RGB	11, 233, 196
RGB Percent	4%, 91%, 77%
CMY	0.9569, 0.0863, 0.2314
CMYK	0.95, 0.00, 0.16, 0.09
HSL	170°, 91%, 48%
HSV	170°, 95%, 91%
XYZ	39.2407, 62.3345, 62.1881
YIQ	162.4040, -120.4350, -58.5710

# Conversions

## Conversions Part 2

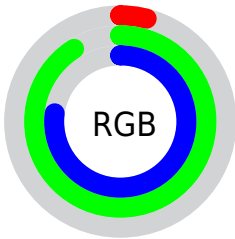
Format	Color
<a href="#">RYB</a>	<a href="#">11, 132, 233</a>
Decimal	<a href="#">780740</a>
CIELab	<a href="#">83.09, -54.81, 4.91</a>
CIElCh	<a href="#">83, 55.027, 174.882</a>
Yxy	<a href="#">62.3345, 0.2396, 0.3806</a>
Android (android.graphics.Color)	<a href="#">4278970820 (0xFF0BE9C4)</a>
YUV	<a href="#">162.4040, 16.5628, -132.7813</a>
Hunter-Lab	<a href="#">78.9522, -49.4485, 8.5657</a>

# Details

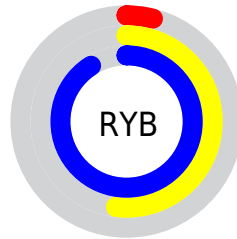
The Hex color **0BE9C4** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed cyan. A complement of this color would be **E90B30**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **71FFFD**, and **00B08E** is the 20% darker color. If you saturate the color by 10%, you get **00E9C2**, and if you desaturate by 10%, it is **22E9C8**.

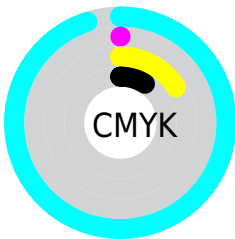
# Distribution



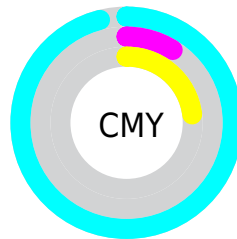
- Red (4%)
- Green (91%)
- Blue (77%)



- Red (4%)
- Yellow (52%)
- Blue (91%)



- Cyan (95%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (96%)
- Magenta (9%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0BE9C4 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 0BE9C4 by changing the saturation by 10% instead.



 0BE9C4

 0BE9C4

FFFFFF

 00CCA9

 71FFFD

 00B08E

 93FFFF

 009575

 B3FFFF

 007A5C

 D3FFFF

 006045

 F3FFFF

 00472F

 00301A

 001300

 000000

 0BE9C4

 0BE9C4

 00E9C2

 22E9C8

 3AE9CC

 51E9D0

 68E9D4

 80E9D7

 97E9DB

 AEE9DF

 C5E9E3

 DDE9E7

# Harmonies

## Analogous

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



85E491



0BE9C4



00E9F9

# Triad

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



0BE9C4



C5C5FF



FFB67C

# Complementary

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



0BE9C4



E90B30

# 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.



FFA7A6



0BE9C4



FFB1FF

# Square

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



0BE9C4



60D7FF



FFA5DA



F6C966

# Rectangle

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



0BE9C4



00E6FF



FFA5DA



FFB088

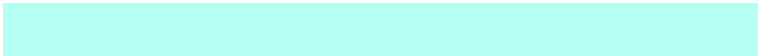


# Sweetspot

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



0BE9C4



B5FFF3



30E90B



538078



000000



808080



# Same Dimension

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



0BE9C4



00FFD4



0B9FE9



6A7573



00B597



00362D



# Inverse Universe

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



E90B30



FF002B



E9550B



756A6C



B5001E

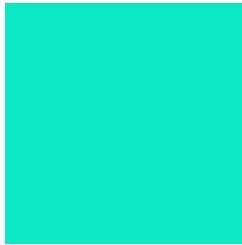


360009



# Previews

## White Background



This preview shows how the Hex color 0BE9C4 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 0BE9C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

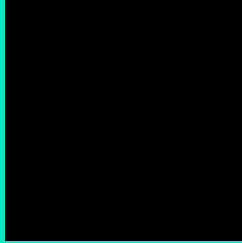
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0BE9C4 Background



This preview shows how black text looks on a background with the Hex color 0BE9C4.



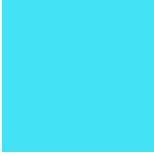
This preview shows how white text looks on a background with the Hex color 0BE9C4.

# 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



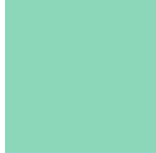


**Tritanopia**  
43E2F5

# Trichromacy



**Original Color**  
0BE9C4



**Protanomaly**  
8CD7BA

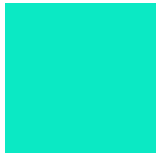


**Deuteranomaly**  
93D3C9

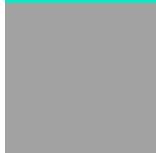


**Tritanomaly**  
2FE5E3

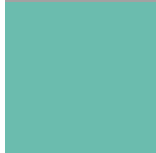
# Monochromacy



**Original Color**  
0BE9C4



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
6BBCAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0BE9C4 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 #0BE9C4 looks like.

```
.text, #text, p{  
    color:#0BE9C4  
}
```

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 #0BE9C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BE9C4
}
```

## Border

The CSS property to change the border of an element to Hex 0BE9C4 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
#0BE9C4 }
```

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

```
.border{ border-color:#0BE9C4 }
```

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

Here you see how a box with a 4 pixel #0BE9C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BE9C4; -webkit-box-shadow:4px 4px  
4px 4px #0BE9C4; box-shadow:4px 4px 4px  
4px #0BE9C4 }
```

# Background

The CSS property to change the background color of an element to Hex 0BE9C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BE9C4 }
```

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

```
.background{ background-color:#0BE9C4 }
```

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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