

# Converting Colors

Hex(0EBFC4)

Have a look what the booklet for  
Hex(0EBFC4) contains.

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# Color

**Hex(0EBFC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EBFC4
RGB	14, 191, 196
RGB Percent	5%, 75%, 77%
CMY	0.9451, 0.2510, 0.2314
CMYK	0.93, 0.03, 0.00, 0.23
HSL	182°, 87%, 41%
HSV	182°, 93%, 77%
XYZ	28.7757, 41.3405, 58.6874
YIQ	138.6470, -107.0970, -35.9690

# Conversions

## Conversions Part 2

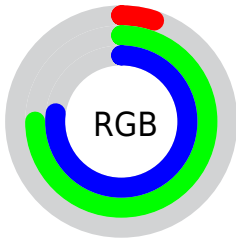
Format	Color
<a href="#">RYB</a>	<a href="#">14, 104, 196</a>
Decimal	<a href="#">966596</a>
CIELab	<a href="#">70.41, -36.74, -13.77</a>
CIELCh	<a href="#">70, 39.234, 200.554</a>
Yxy	<a href="#">41.3405, 0.2234, 0.3210</a>
Android (android.graphics.Color)	<a href="#">4279156676 (0xFF0EBFC4)</a>
YUV	<a href="#">138.6470, 28.2750, -109.3154</a>
Hunter-Lab	<a href="#">64.2966, -32.6319, -9.1100</a>

# Details

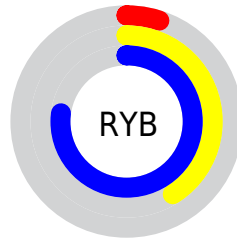
The Hex color **0EBFC4** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **C4130E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AF8FD**, and **00898E** is the 20% darker color. If you saturate the color by 10%, you get **00BFC4**, and if you desaturate by 10%, it is **22C0C4**.

# Distribution



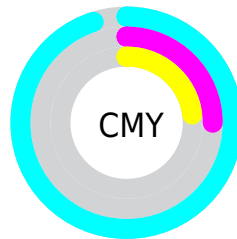
- Red (5%)
- Green (75%)
- Blue (77%)



- Red (5%)
- Yellow (41%)
- Blue (77%)



- Cyan (93%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (95%)
- Magenta (25%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EBFC4 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 0EBFC4 by changing the saturation by 10% instead.





0EBFC4



0EBFC4

FFFFFF



00A4A9



6AF8FD



00898E



8AFFFF



006F75



A9FFFF



00565C



C8FFFF



003E45



E7FFFF



00282E



00041A



000000



0EBFC4



0EBFC4

■ 00BFC4

■ 22C0C4

■ 35C0C4

■ 49C1C4

■ 5CC1C4

■ 70C2C4

■ 84C2C4

■ 97C3C4

■ ABC3C4

■ BEC4C4

# Harmonies

## Analogous

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



52BE9F



0EBFC4



16BBE2

# Triad

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



0EBFC4



CE9ADA



CEA666

# Complementary

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



0EBFC4



C4130E

# 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.



E79A76



0EBFC4



EA91B9

# Square

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



0EBFC4



A0A7EF



F29195



ABB268

# Rectangle

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



0EBFC4



4CB6EF



F29195



D7A269



# Sweetspot

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



0EBFC4



B8FDFF



0EC411



547E80



000000



808080



# Same Dimension

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



0EBFC4



00F8FF



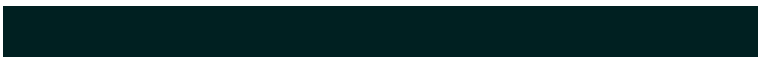
0E66C4



576161



009CA1



002021



# Inverse Universe

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



C40EBF



FF00F8



C46C0E



615761



A1009C

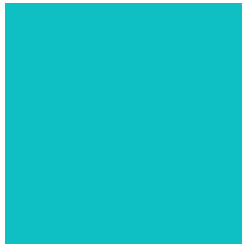


210020



# Previews

## White Background



This preview shows how the Hex color 0EBFC4 looks on a white background.

## Color Contrast Check

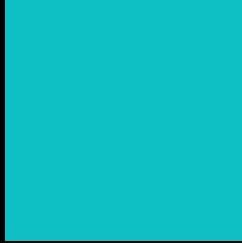
Large Text (above 18pt) WCAG AA × Fail

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 0EBFC4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

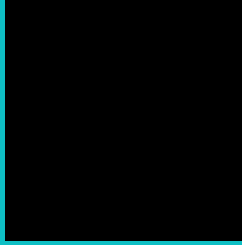
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EBFC4 Background



This preview shows how black text looks on a background with the Hex color 0EBFC4.

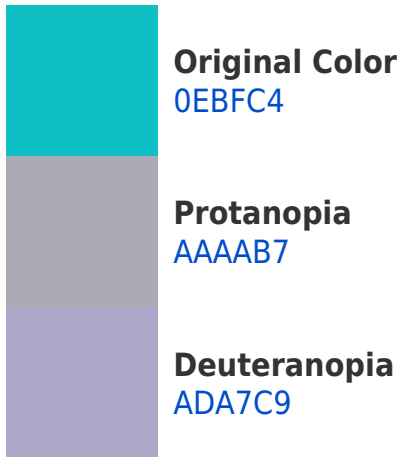


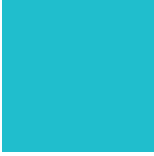
This preview shows how white text looks on a background with the Hex color 0EBFC4.

# 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





# Trichromacy



**Original Color**  
0EBFC4



**Protanomaly**  
71B2BC



**Deuteranomaly**  
73B0C7



**Tritanomaly**  
19BECA

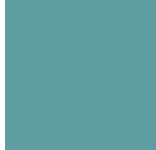
# Monochromacy



**Original Color**  
0EBFC4



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
5E9EA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EBFC4 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 #0EBFC4 looks like.

```
.text, #text, p{  
    color:#0EBFC4  
}
```

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 #0EBFC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EBFC4
}
```

## Border

The CSS property to change the border of an element to Hex 0EBFC4 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
#0EBFC4 }
```

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

```
.border{ border-color:#0EBFC4 }
```

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

Here you see how a box with a 4 pixel #0EBFC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EBFC4; -webkit-box-shadow:4px 4px  
4px 4px #0EBFC4; box-shadow:4px 4px 4px  
4px #0EBFC4 }
```

# Background

The CSS property to change the background color of an element to Hex 0EBFC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EBFC4 }
```

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

```
.background{ background-color:#0EBFC4 }
```

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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