

# Converting Colors

Hex(0FBBD9)

Have a look what the booklet for  
Hex(0FBBD9) contains.

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# **Color**

**Hex(0FBBD9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FBBD9
RGB	15, 187, 217
RGB Percent	6%, 73%, 85%
CMY	0.9412, 0.2667, 0.1490
CMYK	0.93, 0.14, 0.00, 0.15
HSL	189°, 87%, 45%
HSV	189°, 93%, 85%
XYZ	30.4917, 40.6520, 71.8852
YIQ	138.9920, -112.1420, -27.1340

# Conversions

## Conversions Part 2

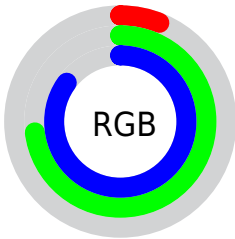
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 108, 217
Decimal	1031129
CIELab	69.93, -28.11, -25.99
CIELCh	70, 38.287, 222.757
Yxy	40.6520, 0.2132, 0.2842
Android (android.graphics.Color)	4279221209 (0xFF0FBBD9)
YUV	138.9920, 38.4579, -108.7410
Hunter-Lab	63.7589, -26.2132, -22.2155

# Details

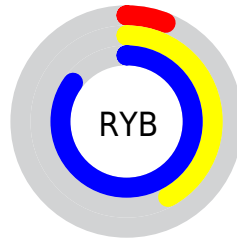
The Hex color **0FBBD9** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D92D0F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6DF3FF**, and **0085A2** is the 20% darker color. If you saturate the color by 10%, you get **00B9D9**, and if you desaturate by 10%, it is **25BED9**.

# Distribution



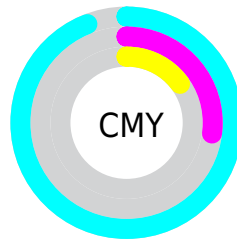
- Red (6%)
- Green (73%)
- Blue (85%)



- Red (6%)
- Yellow (42%)
- Blue (85%)



- Cyan (93%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (27%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FBBD9 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 0FBBD9 by changing the saturation by 10% instead.



 0FBBD9

 0FBBD9

FFFFFF

 00A0BD

 6DF3FF

 0085A2

 8DFFFF

 006C88

 ADFFFF

 00536E

 CCFFFF

 003C56

 EBFFFF

 00263E

 000329

 000113

 000000

0FBBD9

0FBBD9

00B9D9

25BED9

3AC1D9

50C5D9

66C8D9

7CCBD9

91CED9

A7D2D9

BDD5D9

D2D8D9

# Harmonies

## Analogous

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



2CBEB9



0FBBD9



54B4ED

# Triad

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



0FBBD9



E292C0



B3AE66

# Complementary

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



0FBBD9



D92D0F

# 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.



D3A269



0FBBD9



EF909D

# Square

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



0FBBD9



C29CDE



E8967D



8CB777

# Rectangle

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



0FBBD9



7DADF0



E8967D



BFAA65

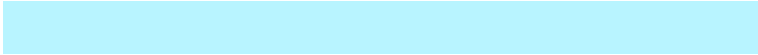


# Sweetspot

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



0FBBD9



B8F4FF



0FD92A



547980



000000



808080



# Same Dimension

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



0FBBD9



00D9FF



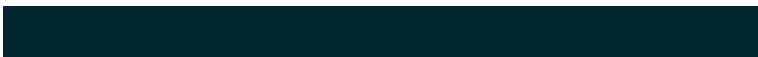
0F59D9



636C6E



0094AD



00272E



# Inverse Universe

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



D90FBB



FF00D9



D98F0F



6E636C



AD0094

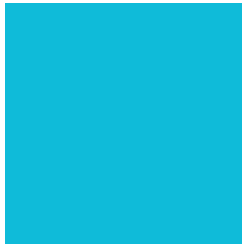


2E0027



# Previews

## White Background



This preview shows how the Hex color 0FBBD9 looks on a white background.

## Color Contrast Check

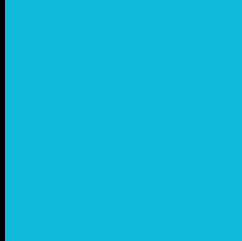
Large Text (above 18pt) WCAG AA × Fail

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 0FBBD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

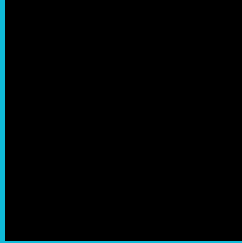
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0FBBD9 Background



This preview shows how black text looks on a background with the Hex color 0FBBD9.



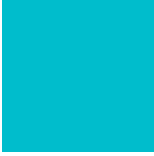
This preview shows how white text looks on a background with the Hex color 0FBBD9.

# 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**  
0FBBD9



**Protanomaly**  
6DAFD1



**Deuteranomaly**  
6AAEDC



**Tritanomaly**  
05BCD1

# Monochromacy



**Original Color**  
0FBBD9



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
5E9CA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FBBD9 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 #0FBBD9 looks like.

```
.text, #text, p{  
    color:#0FBBD9  
}
```

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 #0FBBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FBBD9
}
```

## Border

The CSS property to change the border of an element to Hex 0FBBD9 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
#0FBBD9 }
```

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

```
.border{ border-color:#0FBBD9 }
```

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

Here you see how a box with a 4 pixel #0FBBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FBBD9; -webkit-box-shadow:4px 4px  
4px 4px #0FBBD9; box-shadow:4px 4px 4px  
4px #0FBBD9 }
```

# Background

The CSS property to change the background color of an element to Hex 0FBBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FBBD9 }
```

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

```
.background{ background-color:#0FBBD9 }
```

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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