

Converting Colors

Hex(0FBDA1)

Have a look what the booklet for
Hex(0FBDA1) contains.

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Color

Hex(0FBDA1)

Conversions

Conversions Part 1

Format	Color
Hex	0FBDA1
RGB	15, 189, 161
RGB Percent	6%, 74%, 63%
CMY	0.9412, 0.2588, 0.3686
CMYK	0.92, 0.00, 0.15, 0.26
HSL	170°, 85%, 40%
HSV	170°, 92%, 74%
XYZ	24.8276, 39.0700, 39.9509
YIQ	133.7820, -94.7160, -45.5960

Conversions

Conversions Part 2

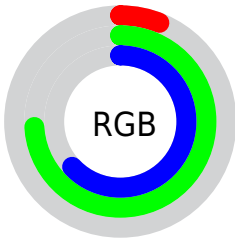
Format	Color
RYB	15, 110, 189
Decimal	1031585
CIELab	68.80, -45.90, 3.03
CIElCh	69, 46.004, 176.225
Yxy	39.0700, 0.2391, 0.3762
Android (android.graphics.Color)	4279221665 (0xFF0FBDA1)
YUV	133.7820, 13.4185, -104.1718
Hunter-Lab	62.5060, -38.4845, 5.8588

Details

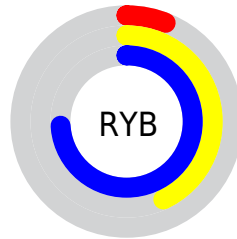
The Hex color **0FBDA1** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD0F2B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66F6D8**, and **00876E** is the 20% darker color. If you saturate the color by 10%, you get **00BD9F**, and if you desaturate by 10%, it is **22BDA4**.

Distribution



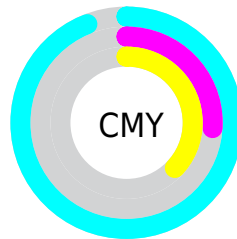
- Red (6%)
- Green (74%)
- Blue (63%)



- Red (6%)
- Yellow (43%)
- Blue (74%)



- Cyan (92%)
- Magenta (0%)
- Yellow (15%)
- Black (26%)



- Cyan (94%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FBDA1 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 0FBDA1 by changing the saturation by 10% instead.

 0FBDA1

 0FBDA1

FFFFFF

 00A187

 66F6D8

 00876E

 86FFF4

 006C55

 A4FFFF

 00533E

 C3FFFF

 003B28

 E1FFFF

 002514

 000000

 0FBDA1

 0FBDA1

 00BD9F

 22BDA4

 35BDA7

 48BDAA

 5BBDAD

 6EBDB0

 80BDB3

 93BDB6

 A6BDB9

 B9BDBC

Harmonies

Analogous

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



6AB978



0FBDA1



00BDCB

Triad

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



0FBDA1



A39FF3



E69564

Complementary

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



0FBDA1



BD0F2B

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.



F68985



0FBDA1



D78FD7

Square

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



0FBDA1



56AEFB



F286AF



C6A453

Rectangle

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



0FBDA1



00BAE3



F286AF



ED906D

Sweetspot

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



0FBDA1



B0F5EA



2CBD0F



517A74



FAFAFA



7A7A7A

Same Dimension

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



0FBDA1



00F5CD



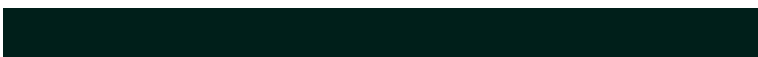
0F83BD



555E5D



009E85



001F1A

Inverse Universe

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



BD0F2B



F50027



BD490F



5E5556



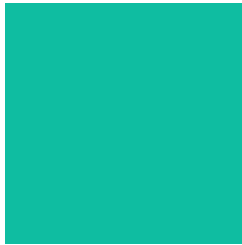
9E0019



1F0005

Previews

White Background



This preview shows how the Hex color 0FBDA1 looks on a white background.

Color Contrast Check

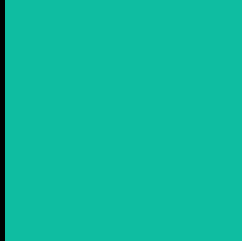
Large Text (above 18pt) WCAG AA × Fail

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 0FBDA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

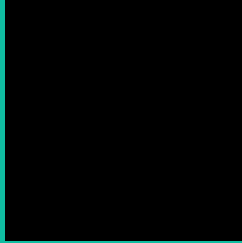
Any Text WCAG AA ✓ Pass

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 0FBDA1 Background



This preview shows how black text looks on a background with the Hex color 0FBDA1.

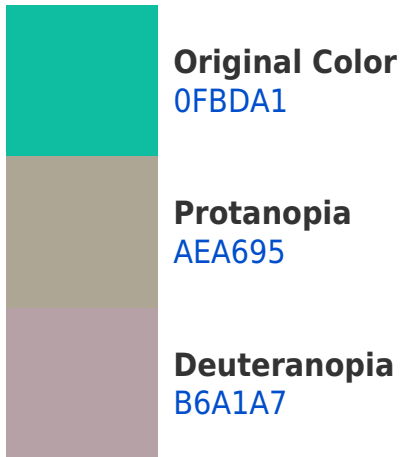


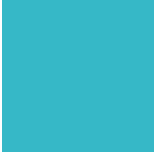
This preview shows how white text looks on a background with the Hex color 0FBDA1.

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
36B8C7

Trichromacy



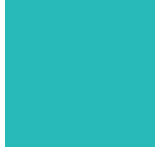
Original Color
0FBDA1



Protanomaly
74AE99



Deuteranomaly
79ABA5



Tritanomaly
28BAB9

Monochromacy



Original Color
0FBDA1



Achromatopsia
868686



Achromatomaly
5B9A90

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FBDA1 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 #0FBDA1 looks like.

```
.text, #text, p{  
    color:#0FBDA1  
}
```

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 #0FBDA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FBDA1
}
```

Border

The CSS property to change the border of an element to Hex 0FBDA1 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
#0FBDA1 }
```

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

```
.border{ border-color:#0FBDA1 }
```

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

Here you see how a box with a 4 pixel #0FBDA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FBDA1; -webkit-box-shadow:4px 4px  
4px 4px #0FBDA1; box-shadow:4px 4px 4px  
4px #0FBDA1 }
```

Background

The CSS property to change the background color of an element to Hex 0FBDA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FBDA1 }
```

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

```
.background{ background-color:#0FBDA1 }
```

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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