

# Converting Colors

Hex(0FC291)

Have a look what the booklet for  
Hex(0FC291) contains.

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# Color

**Hex(0FC291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0FC291
RGB	15, 194, 145
RGB Percent	6%, 76%, 57%
CMY	0.9412, 0.2392, 0.4314
CMYK	0.92, 0.00, 0.25, 0.24
HSL	164°, 86%, 41%
HSV	164°, 92%, 76%
XYZ	24.5996, 40.7295, 33.3531
YIQ	134.8930, -90.9550, -53.1870

# Conversions

## Conversions Part 2

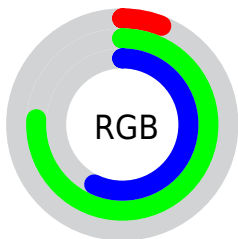
Format	Color
<a href="#">RYB</a>	<a href="#">15, 119, 194</a>
Decimal	<a href="#">1032849</a>
CIELab	<a href="#">69.99, -51.99, 13.43</a>
CIELCh	<a href="#">70, 53.696, 165.514</a>
Yxy	<a href="#">40.7295, 0.2493, 0.4127</a>
Android (android.graphics.Color)	<a href="#">4279222929</a> ( <a href="#">0xFF0FC291</a> )
YUV	<a href="#">134.8930, 4.9828, -105.1462</a>
Hunter-Lab	<a href="#">63.8196, -42.8806, 13.6879</a>

# Details

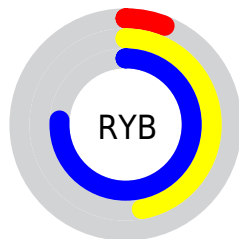
The Hex color **0FC291** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **C20F40**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **66FCC7**, and **008B5E** is the 20% darker color. If you saturate the color by 10%, you get **00C28D**, and if you desaturate by 10%, it is **22C296**.

# Distribution



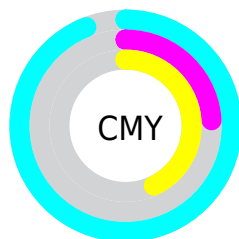
- Red (6%)
- Green (76%)
- Blue (57%)



- Red (6%)
- Yellow (47%)
- Blue (76%)



- Cyan (92%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (94%)
- Magenta (24%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0FC291 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 0FC291 by changing the saturation by 10% instead.





0FC291



0FC291

FFFFFF



00A677



66FCC7



008B5E



86FFE3



007147



A5FFFF



005730



C3FFFF



003E1B



E2FFFF



002802



000000



0FC291



0FC291



00C28D



22C296

 36C29C

 49C2A1

 5DC2A6

 70C2AC

 83C2B1

 97C2B6

 AAC2BB

 BEC2C1

# Harmonies

## Analogous

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



78BC64



0FC291



00C4C4

# Triad

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



0FC291



86A7FF



FB8E67

# Complementary

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



0FC291



C20F40

# 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.



FF8294



0FC291



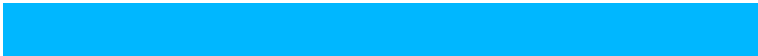
CF94F0

# Square

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



0FC291



00B7FF



F984C5



DBA04A

# Rectangle

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



0FC291



00C2E2



F984C5



FF8975

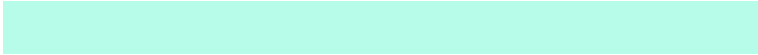


# Sweetspot

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



0FC291



B6FCE9



42C20F



548074



000000



808080



# Same Dimension

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



0FC291



00FCB7



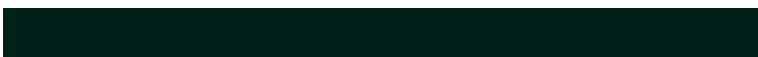
0F9BC2



57615E



00A175



002118



# Inverse Universe

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



C20F40



FC0045



C2360F



61575A



A1002C

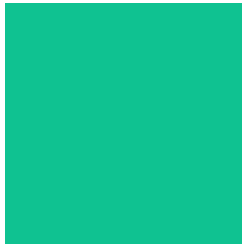


210009



# Previews

## White Background



This preview shows how the Hex color 0FC291 looks on a white background.

## Color Contrast Check

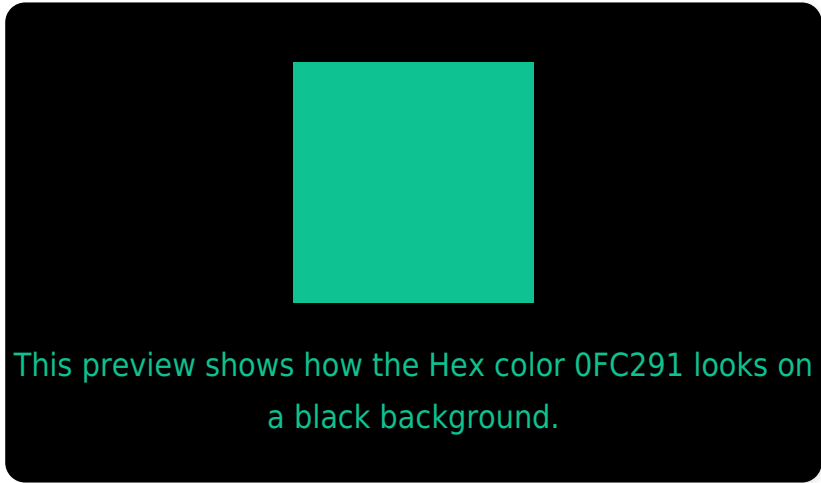
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

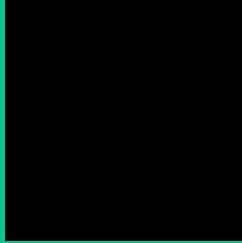
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0FC291 Background



This preview shows how black text looks on a background with the Hex color 0FC291.



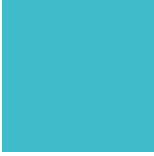
This preview shows how white text looks on a background with the Hex color 0FC291.

# 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**  
40BBCA

# Trichromacy



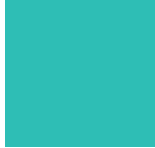
**Original Color**  
0FC291



**Protanomaly**  
79B289



**Deuteranomaly**  
80AF95



**Tritanomaly**  
2EBEB5

# Monochromacy



**Original Color**  
0FC291



**Achromatopsia**  
878787



**Achromatomaly**  
5B9C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0FC291 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 #0FC291 looks like.

```
.text, #text, p{  
    color:#0FC291  
}
```

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 #0FC291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FC291
}
```

## Border

The CSS property to change the border of an element to Hex 0FC291 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
#0FC291 }
```

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

```
.border{ border-color:#0FC291 }
```

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

Here you see how a box with a 4 pixel #0FC291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FC291; -webkit-box-shadow:4px 4px  
4px 4px #0FC291; box-shadow:4px 4px 4px  
4px #0FC291 }
```

# Background

The CSS property to change the background color of an element to Hex 0FC291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FC291 }
```

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

```
.background{ background-color:#0FC291 }
```

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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