

Converting Colors

Hex(0FE89B)

Have a look what the booklet for
Hex(0FE89B) contains.

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Color

Hex(0FE89B)

Conversions

Conversions Part 1

Format	Color
Hex	0FE89B
RGB	15, 232, 155
RGB Percent	6%, 91%, 61%
CMY	0.9412, 0.0902, 0.3922
CMYK	0.94, 0.00, 0.33, 0.09
HSL	159°, 88%, 48%
HSV	159°, 94%, 91%
XYZ	34.9700, 60.1813, 40.7834
YIQ	158.3390, -104.6150, -69.9510

Conversions

Conversions Part 2

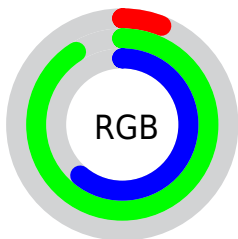
Format	Color
RYB	15, 147, 232
Decimal	1042587
CIELab	81.94, -63.86, 24.69
CIELCh	82, 68.467, 158.864
Yxy	60.1813, 0.2573, 0.4427
Android (android.graphics.Color)	4279232667 (0xFF0FE89B)
YUV	158.3390, -1.6461, -125.7083
Hunter-Lab	77.5766, -55.2948, 23.1338

Details

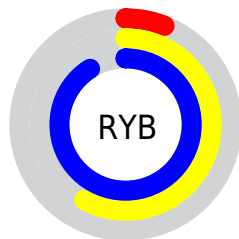
The Hex color **0FE89B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E80F5C**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **70FFD2**, and **00AF67** is the 20% darker color. If you saturate the color by 10%, you get **00E896**, and if you desaturate by 10%, it is **26E8A3**.

Distribution



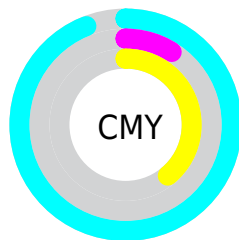
- Red (6%)
- Green (91%)
- Blue (61%)



- Red (6%)
- Yellow (58%)
- Blue (91%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (9%)



- Cyan (94%)
- Magenta (9%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FE89B 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 0FE89B by changing the saturation by 10% instead.

 0FE89B

FFFFFF

 70FFD2

 91FFEE

 B1FFFF

 D1FFFF

 F0FFFF

 0FE89B

 00CB81

 00AF67

 00934F

 007837

 005E21

 00450A

 002D00

 000D00

 000000

 0FE89B

 0FE89B

 00E896

 26E8A3

 3DE8AB

 55E8B4

 6CE8BC

 83E8C4

 9AE8CC

 B1E8D5

 C9E8DD

 E0E8E5

Harmonies

Analogous

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



98DF62



0FE89B



00EBDE

Triad

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



0FE89B



74CCFF



FF9F7E

Complementary

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



0FE89B



E80F5C

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.



FF92BB



0FE89B



E8B3FF

Square

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



0FE89B



00DFFF



FF9AFB



FFB851

Rectangle

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



0FE89B



00EAFF



FF9AFB



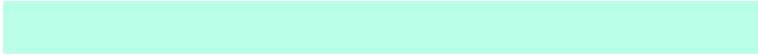
FF9991

Sweetspot

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



0FE89B



B8FFE6



5FE80F



548070



000000



808080

Same Dimension

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



0FE89B



00FFA5



0FCBE8



67736F



00B373



003321

Inverse Universe

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



E80F5C



FF005A



E82C0F



73676B



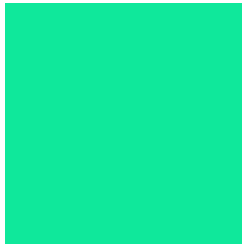
B3003F



330012

Previews

White Background



This preview shows how the Hex color 0FE89B 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 0FE89B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

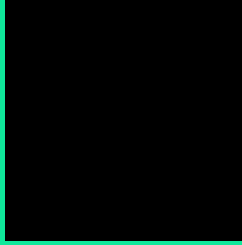
Any Text WCAG AA ✓ Pass

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 0FE89B Background



This preview shows how black text looks on a background with the Hex color 0FE89B.

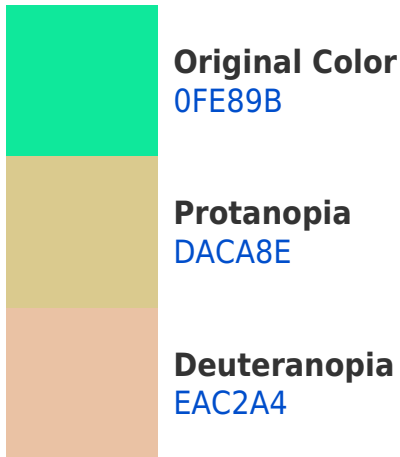


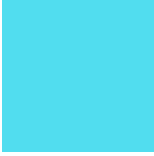
This preview shows how white text looks on a background with the Hex color 0FE89B.

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](#).

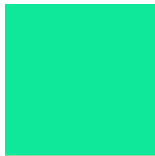
Dichromacy





Tritanopia
51DDEF

Trichromacy



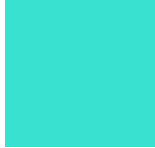
Original Color
0FE89B



Protanomaly
90D593



Deuteranomaly
9AD0A1



Tritanomaly
39E1D0

Monochromacy



Original Color
0FE89B



Achromatopsia
9E9E9E



Achromatomaly
6AB99D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FE89B 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 #0FE89B looks like.

```
.text, #text, p{  
    color:#0FE89B  
}
```

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 #0FE89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FE89B
}
```

Border

The CSS property to change the border of an element to Hex 0FE89B 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
#0FE89B }
```

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

```
.border{ border-color:#0FE89B }
```

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

Here you see how a box with a 4 pixel #0FE89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FE89B; -webkit-box-shadow:4px 4px  
4px 4px #0FE89B; box-shadow:4px 4px 4px  
4px #0FE89B }
```

Background

The CSS property to change the background color of an element to Hex 0FE89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FE89B }
```

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

```
.background{ background-color:#0FE89B }
```

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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