

Converting Colors

Hex(0FEAB6)

Have a look what the booklet for
Hex(0FEAB6) contains.

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Color

Hex(0FEAB6)

Conversions

Conversions Part 1

Format	Color
Hex	0FEAB6
RGB	15, 234, 182
RGB Percent	6%, 92%, 71%
CMY	0.9412, 0.0824, 0.2863
CMYK	0.94, 0.00, 0.22, 0.08
HSL	166°, 88%, 49%
HSV	166°, 94%, 92%
XYZ	38.0633, 62.3246, 54.2797
YIQ	162.5910, -113.8320, -62.6000

Conversions

Conversions Part 2

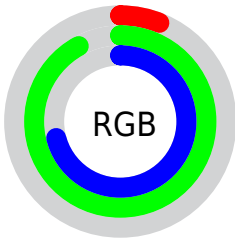
Format	Color
RYB	15, 139, 234
Decimal	1043126
CIELab	83.09, -58.55, 12.25
CIELCh	83, 59.816, 168.178
Yxy	62.3246, 0.2461, 0.4030
Android (android.graphics.Color)	4279233206 (0xFF0FEAB6)
YUV	162.5910, 9.5686, -129.4373
Hunter-Lab	78.9459, -52.0926, 14.4970

Details

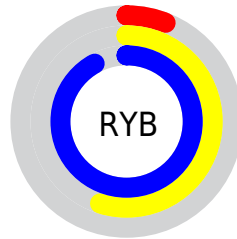
The Hex color **0FEAB6** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EA0F43**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **71FFEE**, and **00B181** is the 20% darker color. If you saturate the color by 10%, you get **00EAB2**, and if you desaturate by 10%, it is **26EABC**.

Distribution



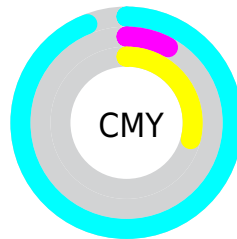
- Red (6%)
- Green (92%)
- Blue (71%)



- Red (6%)
- Yellow (55%)
- Blue (92%)



- Cyan (94%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)



- Cyan (94%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FEAB6 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 0FEAB6 by changing the saturation by 10% instead.

 0FEAB6

 0FEAB6

FFFFFF

 00CD9B

 71FFEE

 00B181

 93FFFF

 009568

 B3FFFF

 007B50

 D3FFFF

 006039

 F3FFFF

 004723

 00300E

 001300

 000000

0FEAB6

0FEAB6

00EAB2

26EABC

3EEAC1

55EAC7

6DEACC

84EAD2

9BEAD7

B3EADD

CAEAE2

E2EAE8

Harmonies

Analogous

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



8EE381



0FEAB6



00EBF0

Triad

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



0FEAB6



AEC9FF



FFAF7D

Complementary

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



0FEAB6



EA0F43

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.



FFA1AF



0FEAB6



FEB3FF

Square

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



0FEAB6



00DBFF



FFA2E8



FFC45E

Rectangle

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



0FEAB6



00E9FF



FFA2E8



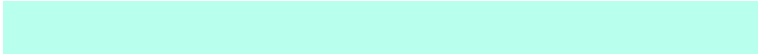
FFA98C

Sweetspot

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



0FEAB6



B8FFEE



46EA0F



548075



000000



808080

Same Dimension

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



0FEAB6



00FFC2



0FB3EA



6A7573



00B58A



003629

Inverse Universe

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



EA0F43



FF003D



EA460F



756A6C



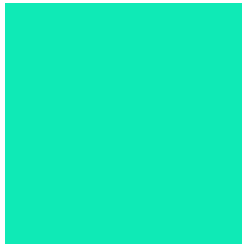
B5002B



36000D

Previews

White Background



This preview shows how the Hex color 0FEAB6 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 0FEAB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

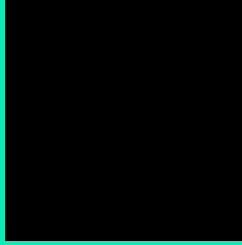
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

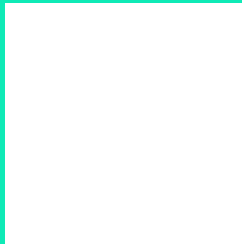
Any Text WCAG AAA ✓ Pass

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

Hex 0FEAB6 Background



This preview shows how black text looks on a background with the Hex color 0FEAB6.

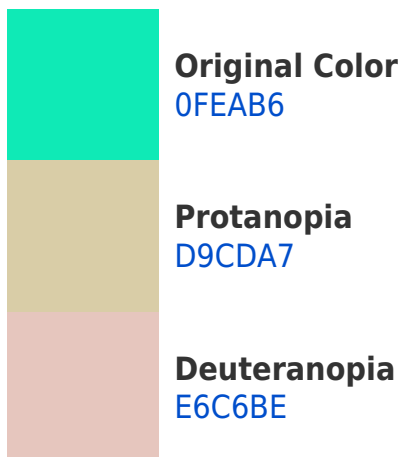


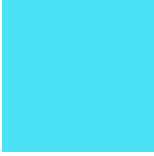
This preview shows how white text looks on a background with the Hex color 0FEAB6.

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



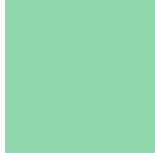


Tritanopia
4AE2F4

Trichromacy



Original Color
0FEAB6



Protanomaly
90D8AC



Deuteranomaly
98D3BB

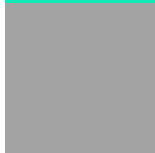


Tritanomaly
35E5DD

Monochromacy



Original Color
0FEAB6



Achromatopsia
A3A3A3



Achromatomaly
6DBDAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FEAB6 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 #0FEAB6 looks like.

```
.text, #text, p{  
    color:#0FEAB6  
}
```

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 #0FEAB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FEAB6
}
```

Border

The CSS property to change the border of an element to Hex 0FEAB6 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
#0FEAB6 }
```

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

```
.border{ border-color:#0FEAB6 }
```

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

Here you see how a box with a 4 pixel #0FEAB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FEAB6; -webkit-box-shadow:4px 4px  
4px 4px #0FEAB6; box-shadow:4px 4px 4px  
4px #0FEAB6 }
```

Background

The CSS property to change the background color of an element to Hex 0FEAB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FEAB6 }
```

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

```
.background{ background-color:#0FEAB6 }
```

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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