

Converting Colors

Hex(11BFAE)

Have a look what the booklet for
Hex(11BFAE) contains.

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Color

Hex(11BFAE)

Conversions

Conversions Part 1

Format	Color
Hex	11BFAE
RGB	17, 191, 174
RGB Percent	7%, 75%, 68%
CMY	0.9333, 0.2510, 0.3176
CMYK	0.91, 0.00, 0.09, 0.25
HSL	174°, 84%, 41%
HSV	174°, 91%, 75%
XYZ	26.5019, 40.4368, 46.4527
YIQ	137.0360, -98.2470, -42.1750

Conversions

Conversions Part 2

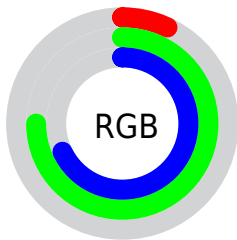
Format	Color
RYB	17, 108, 191
Decimal	1163182
CIELab	69.78, -43.09, -2.67
CIElCh	70, 43.171, 183.540
Yxy	40.4368, 0.2337, 0.3566
Android (android.graphics.Color)	4279353262 (0xFF11BFAE)
YUV	137.0360, 18.2233, -105.2716
Hunter-Lab	63.5899, -36.8901, 1.2014

Details

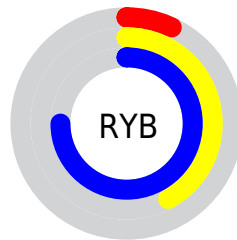
The Hex color **11BFAE** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF1122**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **68F8E5**, and **00897A** is the 20% darker color. If you saturate the color by 10%, you get **00BFAC**, and if you desaturate by 10%, it is **24BFB0**.

Distribution



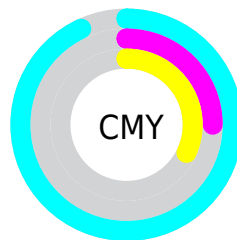
- Red (7%)
- Green (75%)
- Blue (68%)



- Red (7%)
- Yellow (42%)
- Blue (75%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (93%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11BFAE 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 11BFAE by changing the saturation by 10% instead.

 11BFAE

 11BFAE


FFFFFF

 00A393

 68F8E5

 00897A

 88FFFF

 006E61

 A7FFFF

 005549

 C5FFFF


 003D33


 E4FFFF

 00281E

 000006

 000000

 11BFAE

 11BFAE

■ 00BFAC

■ 24BFB0

■ 37BFB2

■ 4ABFB4

■ 5DBFB5

■ 71BFB7

■ 84BFB9

■ 97BFBB

■ AABFBD

■ BDBFBF

Harmonies

Analogous

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



64BC86



11BFAE



00BED5

Triad

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



11BFAE



B49FEC



DF9C65

Complementary

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



11BFAE



BF1122

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.



F39081



11BFAE



DF91CE

Square

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



11BFAE



75ADF8



F48BA7



BFAA5B

Rectangle

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



11BFAE



00BAE9



F48BA7



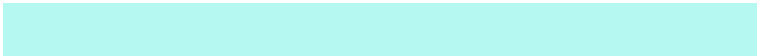
E8976D

Sweetspot

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



11BFAE



B5F7F1



22BF11



557D79



FCFCFC



7D7D7D

Same Dimension

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



11BFAE



00F7DF



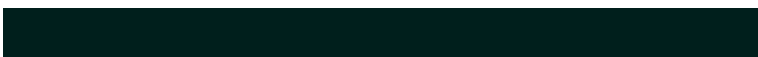
1179BF



555E5D



009E8F



001F1C

Inverse Universe

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



BF1122



F70018



BF5711



5E5556



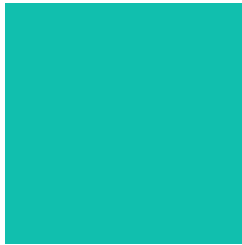
9E000F



1F0003

Previews

White Background



This preview shows how the Hex color 11BFAE looks on a white background.

Color Contrast Check

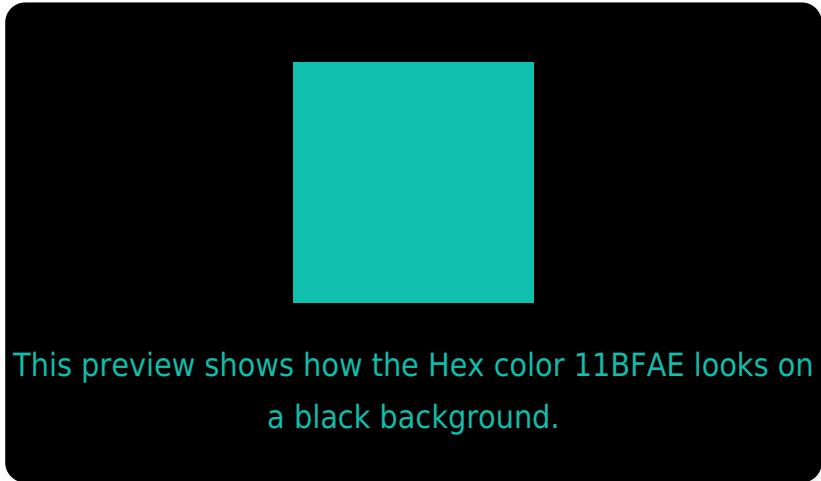
Large Text (above 18pt) WCAG AA × Fail

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

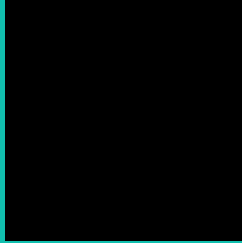
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

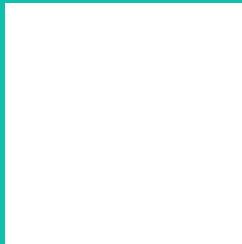
Any Text WCAG AAA ✓ Pass

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

Hex 11BFAE Background



This preview shows how black text looks on a background with the Hex color 11BFAE.

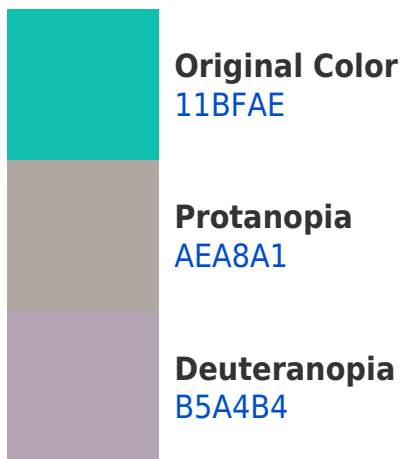


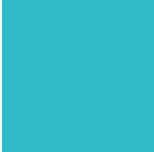
This preview shows how white text looks on a background with the Hex color 11BFAE.

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
31BBCA

Trichromacy



Original Color
11BFAE



Protanomaly
75B0A6



Deuteranomaly
79AEB2



Tritanomaly
25BCC0

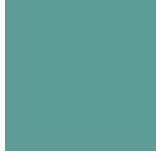
Monochromacy



Original Color
11BFAE



Achromatopsia
898989



Achromatomaly
5D9D96

CSS Examples

Text

The CSS property to change the color of the text to Hex 11BFAE 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 #11BFAE looks like.

```
.text, #text, p{  
  color:#11BFAE  
}
```

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 #11BFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11BFAE
}
```

Border

The CSS property to change the border of an element to Hex 11BFAE 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
#11BFAE }
```

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

```
.border{ border-color:#11BFAE }
```

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

Here you see how a box with a 4 pixel #11BFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11BFAE; -webkit-box-shadow:4px 4px  
4px 4px #11BFAE; box-shadow:4px 4px 4px  
4px #11BFAE }
```

Background

The CSS property to change the background color of an element to Hex 11BFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11BFAE }
```

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

```
.background{ background-color:#11BFAE }
```

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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