

Converting Colors

Hex(30F0AE)

Have a look what the booklet for
Hex(30F0AE) contains.

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Color

Hex(30F0AE)

Conversions

Conversions Part 1

Format	Color
Hex	30F0AE
RGB	48, 240, 174
RGB Percent	19%, 94%, 68%
CMY	0.8118, 0.0588, 0.3176
CMYK	0.80, 0.00, 0.27, 0.06
HSL	159°, 86%, 56%
HSV	159°, 80%, 94%
XYZ	40.0190, 66.0045, 50.6753
YIQ	175.0680, -93.2460, -61.2300

Conversions

Conversions Part 2

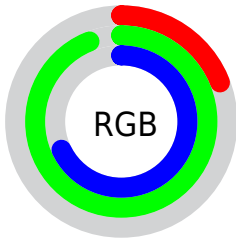
Format	Color
R _{YB}	48, 164, 240
Decimal	3207342
CIE Lab	85.00, -60.59, 19.14
CIE LCh	85, 63.538, 162.464
Yxy	66.0045, 0.2554, 0.4212
Android (android.graphics.Color)	4281397422 (0xFF30F0AE)
YUV	175.0680, -0.5265, -111.4386
Hunter-Lab	81.2432, -54.2495, 19.8882

Details

The Hex color **30F0AE** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F03072**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **7EFFE6**, and **00B779** is the 20% darker color. If you saturate the color by 10%, you get **18F0A6**, and if you desaturate by 10%, it is **48F0B6**.

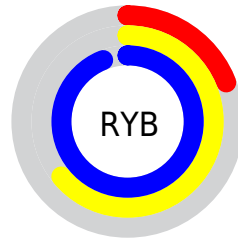
Distribution



Red (19%)

Green (94%)

Blue (68%)



Red (19%)

Yellow (64%)

Blue (94%)

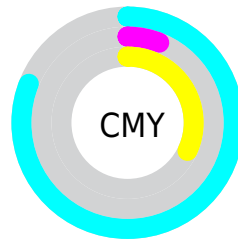


Cyan (80%)

Magenta (0%)

Yellow (27%)

Black (6%)



Cyan (81%)

Magenta (6%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30F0AE 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 30F0AE by changing the saturation by 10% instead.

 30F0AE

 30F0AE

FFFFFF

 00D393

 7EFFE6

 00B779

 9EFFFF

 009B60

 BEFFFF

 008048

 DDFFFF

 006531

 FDFFFF

 004C1C

 003504

 001A00

 000000

 30F0AE

 30F0AE

 18F0A6

 48F0B6

 00F09D

 60F0BE

 78F0C7

 90F0CF

 A8F0D7

 C0F0DF

 D8F0E8

 F0F0F0

 FFF0F8

Harmonies

Analogous

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



9DE878



30F0AE



00F3EC

Triad

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



30F0AE



9AD2FF



FFAE86

Complementary

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



30F0AE



F03072

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.



FFA1BD



30F0AE



F9BAFF

Square

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



30F0AE



00E5FF



FFA6FA



FFC460

Rectangle

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



30F0AE



00F1FF



FFA6FA



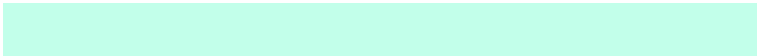
FFA897

Sweetspot

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



30F0AE



C2FFEA



73F030



5B8073



000000



808080

Same Dimension

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



30F0AE



0AFFAB



30D3F0



6C7874



00B878



003825

Inverse Universe

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



F03072



FF0A5E



F04D30



786C70



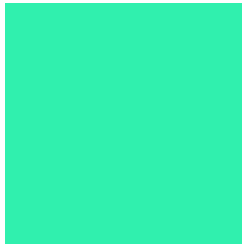
B8003F



380013

Previews

White Background



This preview shows how the Hex color 30F0AE looks on a white background.

Color Contrast Check

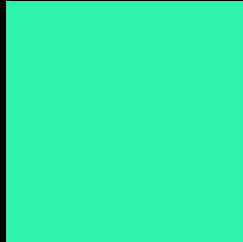
Large Text (above 18pt) WCAG AA × Fail

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 30F0AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

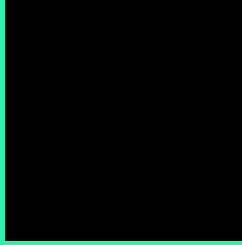
Any Text WCAG AA ✓ Pass

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 30F0AE Background



This preview shows how black text looks on a background with the Hex color 30F0AE.

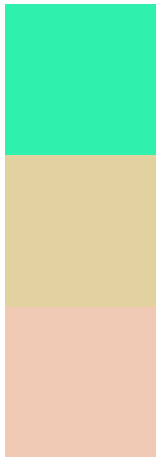


This preview shows how white text looks on a background with the Hex color 30F0AE.

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](#).

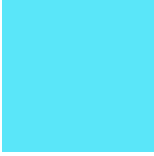
Dichromacy



Original Color
30F0AE

Protanopia
E1D2A0

Deuteranopia
F1CAB6



Tritanopia
5AE6F9

Trichromacy



Original Color
30F0AE



Protanomaly
A1DDA5



Deuteranomaly
ABD8B3

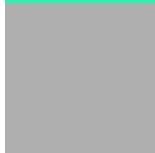


Tritanomaly
4BEADE

Monochromacy



Original Color
30F0AE



Achromatopsia
AFAFAF



Achromatomaly
81C7AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 30F0AE 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 #30F0AE looks like.

```
.text, #text, p{  
  color:#30F0AE  
}
```

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 #30F0AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30F0AE
}
```

Border

The CSS property to change the border of an element to Hex 30F0AE 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
#30F0AE }
```

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

```
.border{ border-color:#30F0AE }
```

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

Here you see how a box with a 4 pixel #30F0AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30F0AE; -webkit-box-shadow:4px 4px  
4px 4px #30F0AE; box-shadow:4px 4px 4px  
4px #30F0AE }
```

Background

The CSS property to change the background color of an element to Hex 30F0AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30F0AE }
```

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

```
.background{ background-color:#30F0AE }
```

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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