

Converting Colors

Hex(1AF08F)

Have a look what the booklet for
Hex(1AF08F) contains.

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Color

Hex(1AF08F)

Conversions

Conversions Part 1

Format	Color
Hex	1AF08F
RGB	26, 240, 143
RGB Percent	10%, 94%, 56%
CMY	0.8980, 0.0588, 0.4392
CMYK	0.89, 0.00, 0.40, 0.06
HSL	153°, 88%, 52%
HSV	153°, 89%, 94%
XYZ	36.5440, 64.5230, 36.5147
YIQ	164.9560, -96.4070, -75.5350

Conversions

Conversions Part 2

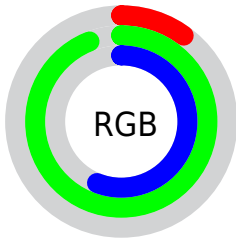
Format	Color
R _Y B	26, 164, 240
Decimal	1765519
CIE Lab	84.24, -68.48, 33.87
CIE LCh	84, 76.399, 153.683
Yxy	64.5230, 0.2656, 0.4690
Android (android.graphics.Color)	4279955599 (0xFF1AF08F)
YUV	164.9560, -10.8243, -121.8644
Hunter-Lab	80.3262, -59.3631, 29.2763

Details

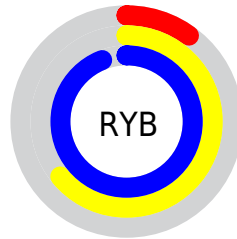
The Hex color **1AF08F** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F01A7B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **74FFC6**, and **00B65B** is the 20% darker color. If you saturate the color by 10%, you get **02F084**, and if you desaturate by 10%, it is **32F09A**.

Distribution



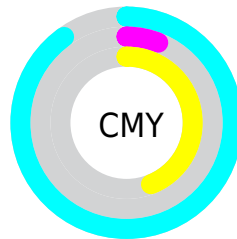
- Red (10%)
- Green (94%)
- Blue (56%)



- Red (10%)
- Yellow (64%)
- Blue (94%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (6%)



- Cyan (90%)
- Magenta (6%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AF08F 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 1AF08F by changing the saturation by 10% instead.

 1AF08F

 1AF08F

FFFFFF

 00D375

 74FFC6

 00B65B

 96FFE2

 009A43

 B6FFF

 007F2B

 D6FFF

 006512

 F5FFF

 004B00

 003300

 001700

 000000

 1AF08F

 1AF08F

 02F084

 32F09A

 00F083

 4AF0A5

 62F0B0

 7AF0BB

 92F0C5

 AAF0D0

 C2F0DB

 DAF0E6

 F2F0F1

Harmonies

Analogous

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



A5E550



1AF08F



00F5D9

Triad

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



1AF08F



21D7FF



FF9B86

Complementary

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



1AF08F



F01A7B

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.



FF8ECC



1AF08F



E0BBFF

Square

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



1AF08F



00EAFB



FF9DFF



FFB74D

Rectangle

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



1AF08F



00F4FF



FF9DFF



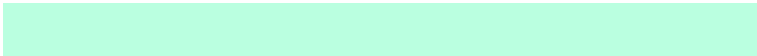
FF949D

Sweetspot

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



1AF08F



BAFFE0



7EF01A



57806D



000000



808080

Same Dimension

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



1AF08F



00FF8B



1AE9F0



6C7872



00B864



00381F

Inverse Universe

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



F01A7B



FF0074



F0211A



786C71



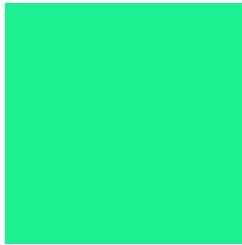
B80053



380019

Previews

White Background



This preview shows how the Hex color 1AF08F 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 1AF08F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

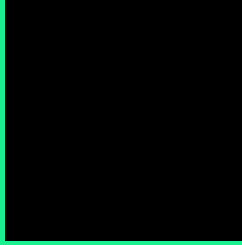
Any Text WCAG AA ✓ Pass

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 1AF08F Background



This preview shows how black text looks on a background with the Hex color 1AF08F.

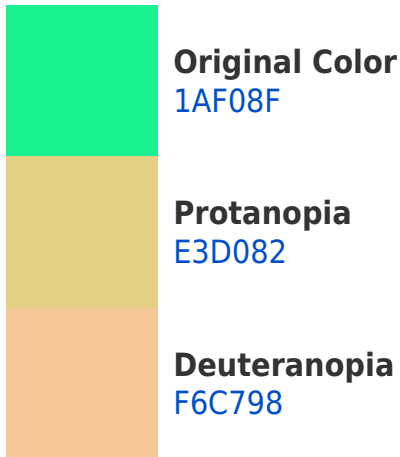


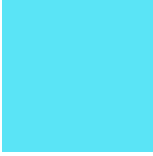
This preview shows how white text looks on a background with the Hex color 1AF08F.

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
5AE4F6

Trichromacy



Original Color
1AF08F



Protanomaly
9ADC87



Deuteranomaly
A6D695

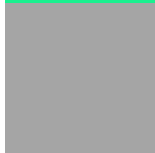


Tritanomaly
43E8D1

Monochromacy



Original Color
1AF08F



Achromatopsia
A5A5A5



Achromatomaly
72C09D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AF08F 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 #1AF08F looks like.

```
.text, #text, p{  
    color:#1AF08F  
}
```

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 #1AF08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AF08F
}
```

Border

The CSS property to change the border of an element to Hex 1AF08F 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
#1AF08F }
```

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

```
.border{ border-color:#1AF08F }
```

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

Here you see how a box with a 4 pixel #1AF08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AF08F; -webkit-box-shadow:4px 4px  
4px 4px #1AF08F; box-shadow:4px 4px 4px  
4px #1AF08F }
```

Background

The CSS property to change the background color of an element to Hex 1AF08F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AF08F }
```

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

```
.background{ background-color:#1AF08F }
```

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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