

Converting Colors

Hex(18F06A)

Have a look what the booklet for
Hex(18F06A) contains.

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Color

Hex(18F06A)

Conversions

Conversions Part 1

Format	Color
Hex	18F06A
RGB	24, 240, 106
RGB Percent	9%, 94%, 42%
CMY	0.9059, 0.0588, 0.5843
CMYK	0.90, 0.00, 0.56, 0.06
HSL	143°, 88%, 52%
HSV	143°, 90%, 94%
XYZ	34.1383, 63.5550, 24.1037
YIQ	160.1400, -85.7220, -87.4660

Conversions

Conversions Part 2

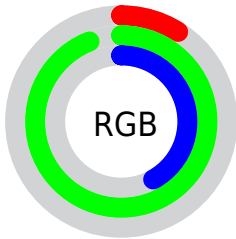
Format	Color
R _{YB}	24, 181, 240
Decimal	1634410
CIE Lab	83.73, -74.47, 50.97
CIE LCh	84, 90.241, 145.612
Yxy	63.5550, 0.2803, 0.5218
Android (android.graphics.Color)	4279824490 (0xFF18F06A)
YUV	160.1400, -26.6910, -119.3948
Hunter-Lab	79.7214, -63.0751, 37.8786

Details

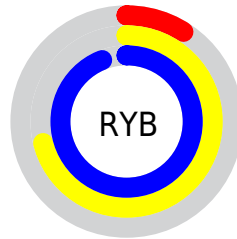
The Hex color **18F06A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **F0189E**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **75FFA0**, and **00B635** is the 20% darker color. If you saturate the color by 10%, you get **00F05B**, and if you desaturate by 10%, it is **30F079**.

Distribution



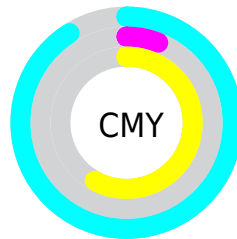
- Red (9%)
- Green (94%)
- Blue (42%)



- Red (9%)
- Yellow (71%)
- Blue (94%)



- Cyan (90%)
- Magenta (0%)
- Yellow (56%)
- Black (6%)



- Cyan (91%)
- Magenta (6%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F06A 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 18F06A by changing the saturation by 10% instead.

 18F06A

 18F06A


FFFFFF

 00D34F

 75FFA0

 00B635

 96FFBC

 009A17

 B7FFD9

 007F00

 D7FFF6

 006400

 F6FFFF

 004A00

 003200

 001500

 000000

 18F06A

 18F06A

 00F05B

 30F079

 48F088

 60F097

 78F0A6

 90F0B4

 A8F0C3

 C0F0D2

 D8F0E1

 F0F0F0

Harmonies

Analogous

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



B2E108



18F06A



00F7C1

Triad

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



18F06A



00DFFF



FF818D

Complementary

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



18F06A



F0189E

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.



FF78E1



18F06A



B5C0FF

Square

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



18F06A



00F1FF



FF97FF



FFA540

Rectangle

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



18F06A



00F8FC



FF97FF



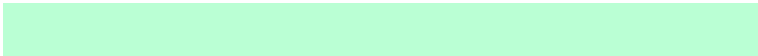
FF7AA8

Sweetspot

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



18F06A



BAFFD4



A1F018



578066



000000



808080

Same Dimension

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



18F06A



00FF61



18F0D3



6C7870



00B846



003815

Inverse Universe

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



F0189E



FF009E



F01835



786C73



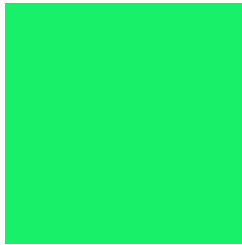
B80072



380023

Previews

White Background



This preview shows how the Hex color 18F06A 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 18F06A 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 18F06A Background



This preview shows how black text looks on a background with the Hex color 18F06A.

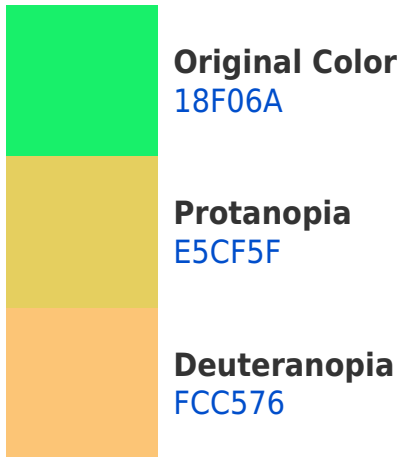


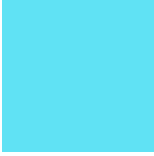
This preview shows how white text looks on a background with the Hex color 18F06A.

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](#).

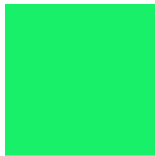
Dichromacy





Tritanopia
60E2F4

Trichromacy



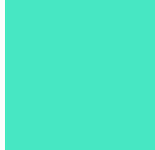
Original Color
18F06A



Protanomaly
9ADB63



Deuteranomaly
A9D572



Tritanomaly
46E7C2

Monochromacy



Original Color
18F06A



Achromatopsia
A0A0A0



Achromatomaly
6FBD8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F06A 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 #18F06A looks like.

```
.text, #text, p{  
    color:#18F06A  
}
```

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 #18F06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F06A
}
```

Border

The CSS property to change the border of an element to Hex 18F06A 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
#18F06A }
```

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

```
.border{ border-color:#18F06A }
```

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

Here you see how a box with a 4 pixel #18F06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F06A; -webkit-box-shadow:4px 4px  
4px 4px #18F06A; box-shadow:4px 4px 4px  
4px #18F06A }
```

Background

The CSS property to change the background color of an element to Hex 18F06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F06A }
```

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

```
.background{ background-color:#18F06A }
```

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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