

Converting Colors

Hex(18F80C)

Have a look what the booklet for
Hex(18F80C) contains.

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Color

Hex(18F80C)

Conversions

Conversions Part 1

Format	Color
Hex	18F80C
RGB	24, 248, 12
RGB Percent	9%, 97%, 5%
CMY	0.9059, 0.0275, 0.9529
CMYK	0.90, 0.00, 0.95, 0.03
HSL	117°, 94%, 51%
HSV	117°, 95%, 97%
XYZ	34.0105, 67.3555, 11.5562
YIQ	154.1200, -57.7480, -120.8840

Conversions

Conversions Part 2

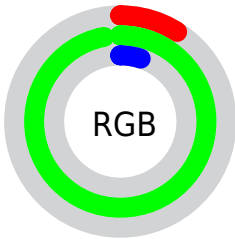
Format	Color
R_{YB}	12, 248, 236
Decimal	1636364
CIE _{Lab}	85.68, -83.32, 80.62
CIE _{LCh}	86, 115.939, 135.941
Yxy	67.3555, 0.3012, 0.5965
Android (android.graphics.Color)	4279826444 (0xFF18F80C)
YUV	154.1200, -70.0652, -114.1152
Hunter-Lab	82.0704, -69.6518, 49.1008

Details

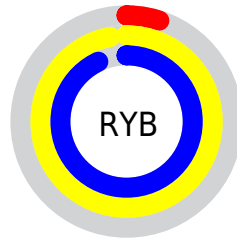
The Hex color **18F80C** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **EC0CF8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **7AFF5E**, and **00BE00** is the 20% darker color. If you saturate the color by 10%, you get **0DF800**, and if you desaturate by 10%, it is **30F825**.

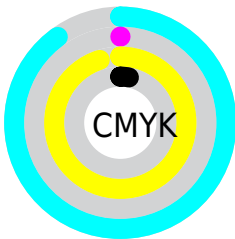
Distribution



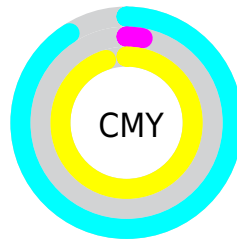
- Red (9%)
- Green (97%)
- Blue (5%)



- Red (5%)
- Yellow (97%)
- Blue (93%)



- Cyan (90%)
- Magenta (0%)
- Yellow (95%)
- Black (3%)



- Cyan (91%)
- Magenta (3%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F80C 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 18F80C by changing the saturation by 10% instead.

 18F80C

 18F80C

FFFFFF

 00DB00

 7AFF5E

 00BE00

 9DFF7C

 00A100

 BEFF9A

 008600

 DFFFB7

 006B00

 FFFFD5

 005000

 FFFFF3

 003700

 001C00

 000000

 18F80C

 18F80C

 0DF800

 30F825

 47F83E

 5FF856

 76F86F

 8EF888

 A5F8A1

 BDF8BA

 D4F8D2

 ECF8EB

Harmonies

Analogous

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



CCE300



18F80C



00FF9D

Triad

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



18F80C



00F2FF



FF43A1

Complementary

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



18F80C



EC0CF8

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.



FF50FF



18F80C



00D0FF

Square

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



18F80C



00FFFF



FF98FF



FF8634

Rectangle

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



18F80C



00FFEA



FF98FF



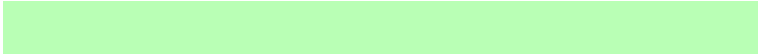
FF37C5

Sweetspot

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



18F80C



B9FFB5



F8E80C



558053



000000



808080

Same Dimension

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



18F80C



0DFF00



0CF872



717D70



0ABD00



033D00

Inverse Universe

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



EC0CF8



F200FF



F80C92



7C707D



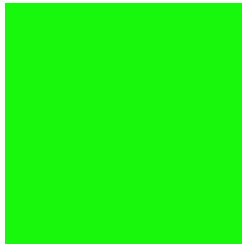
B300BD



3A003D

Previews

White Background



This preview shows how the Hex color 18F80C looks on a white background.

Color Contrast Check

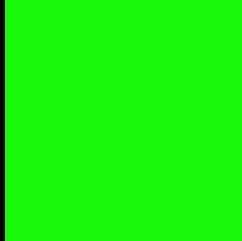
Large Text (above 18pt) WCAG AA × Fail

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 18F80C 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 18F80C Background



This preview shows how black text looks on a background with the Hex color 18F80C.



This preview shows how white text looks on a background with the Hex color 18F80C.

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](#).

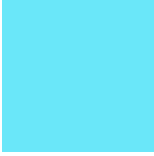
Dichromacy



Original Color
18F80C

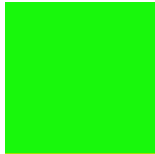
Protanopia
EFD500

Deuteranopia
FFCC75



Tritanopia
6AE7F9

Trichromacy



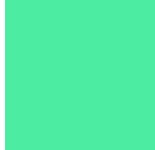
Original Color
18F80C



Protanomaly
A1E204

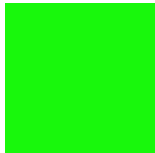


Deuteranomaly
ABDC4F



Tritanomaly
4CEDA3

Monochromacy



Original Color
18F80C



Achromatopsia
9A9A9A



Achromatomaly
6BBC66

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F80C 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 #18F80C looks like.

```
.text, #text, p{  
    color:#18F80C  
}
```

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 #18F80C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F80C
}
```

Border

The CSS property to change the border of an element to Hex 18F80C 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".

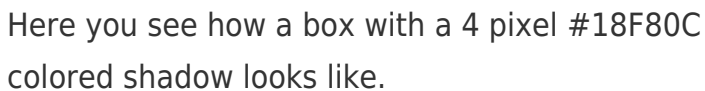
```
.border, #border, table{ border:4px solid
#18F80C }
```

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

```
.border{ border-color:#18F80C }
```

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

Here you see how a box with a 4 pixel #18F80C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F80C; -webkit-box-shadow:4px 4px  
4px 4px #18F80C; box-shadow:4px 4px 4px  
4px #18F80C }
```

Background

The CSS property to change the background color of an element to Hex 18F80C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F80C }
```

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

```
.background{ background-color:#18F80C }
```

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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