

Converting Colors

Hex(18F315)

Have a look what the booklet for
Hex(18F315) contains.

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Color

Hex(18F315)

Conversions

Conversions Part 1

Format	Color
Hex	18F315
RGB	24, 243, 21
RGB Percent	9%, 95%, 8%
CMY	0.9059, 0.0471, 0.9176
CMYK	0.90, 0.00, 0.91, 0.05
HSL	119°, 90%, 52%
HSV	119°, 91%, 95%
XYZ	32.5626, 64.3495, 11.4139
YIQ	152.2110, -59.2620, -115.4700

Conversions

Conversions Part 2

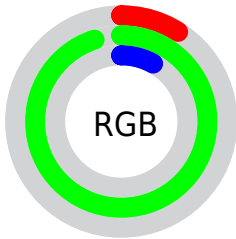
Format	Color
RYB	21, 243, 240
Decimal	1635093
CIELab	84.15, -81.81, 78.37
CIELCh	84, 113.286, 136.231
Yxy	64.3495, 0.3006, 0.5940
Android (android.graphics.Color)	4279825173 (0xFF18F315)
YUV	152.2110, -64.6870, -112.4410
Hunter-Lab	80.2182, -67.9240, 47.7166

Details

The Hex color **18F315** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F015F3**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **79FF60**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **03F300**, and if you desaturate by 10%, it is **30F32D**.

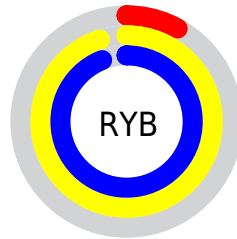
Distribution



Red (9%)

Green (95%)

Blue (8%)



Red (8%)

Yellow (95%)

Blue (94%)

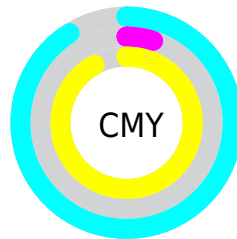


Cyan (90%)

Magenta (0%)

Yellow (91%)

Black (5%)



Cyan (91%)

Magenta (5%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18F315 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 18F315 by changing the saturation by 10% instead.

 18F315

 18F315

FFFFFF

 00D600

 79FF60

 00B900

 9BFF7D

 009D00

 BCFF9B

 008100

 DDFFB8

 006600

 FDFFD6

 004C00

 FFFFF4

 003300

 001700

 000000

 18F315

 18F315

 03F300

 30F32D

 48F346

 60F35E

 78F376

 90F38E

 A8F3A7

 C0F3BF

 D8F3D7

 F0F3F0

Harmonies

Analogous

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



C7DF00



18F315



00FD9B

Triad

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



18F315



00EDFF



FF459D

Complementary

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



18F315



F015F3

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



18F315



00CBFF

Square

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



18F315



00FCFF



FF95FF



FF8533

Rectangle

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



18F315



00FFE6



FF95FF



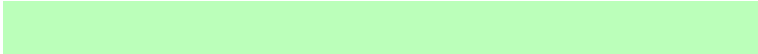
FF3AC1

Sweetspot

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



18F315



BBFFBA



F3EF15



578057



000000



808080

Same Dimension

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



18F315



03FF00



15F380



6E7A6E



03BA00



013B00

Inverse Universe

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



F015F3



FC00FF



F31588



7A6E7A



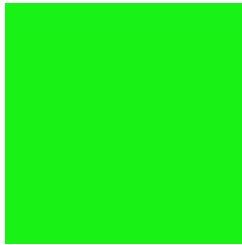
B800BA



3A003B

Previews

White Background



This preview shows how the Hex color 18F315 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 18F315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

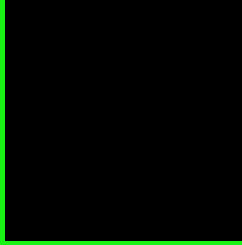
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

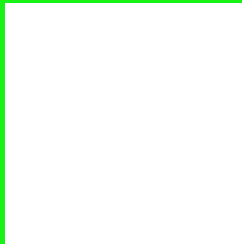
Any Text WCAG AAA ✓ Pass

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

Hex 18F315 Background



This preview shows how black text looks on a background with the Hex color 18F315.



This preview shows how white text looks on a background with the Hex color 18F315.

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](#).

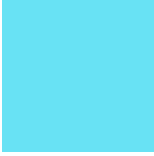
Dichromacy



Original Color
18F315

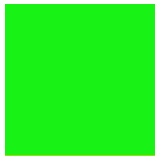
Protanopia
EAD000

Deuteranopia
FFC65E

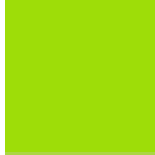


Tritanopia
68E2F4

Trichromacy



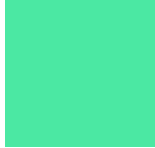
Original Color
18F315



Protanomaly
9EDD08

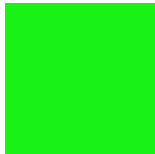


Deuteranomaly
ABD643



Tritanomaly
4BE8A3

Monochromacy



Original Color
18F315



Achromatopsia
989898



Achromatomaly
69B968

CSS Examples

Text

The CSS property to change the color of the text to Hex 18F315 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 #18F315 looks like.

```
.text, #text, p{  
    color:#18F315  
}
```

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 #18F315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18F315
}
```

Border

The CSS property to change the border of an element to Hex 18F315 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".

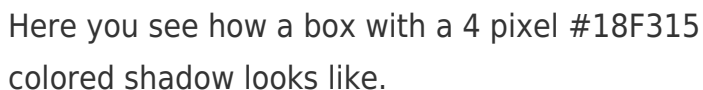
```
.border, #border, table{ border:4px solid
#18F315 }
```

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

```
.border{ border-color:#18F315 }
```

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

Here you see how a box with a 4 pixel #18F315 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18F315; -webkit-box-shadow:4px 4px  
4px 4px #18F315; box-shadow:4px 4px 4px  
4px #18F315 }
```

Background

The CSS property to change the background color of an element to Hex 18F315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18F315 }
```

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

```
.background{ background-color:#18F315 }
```

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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