

Converting Colors

Hex(18EF04)

Have a look what the booklet for
Hex(18EF04) contains.

Hex(18EF04)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(18EF04)

Conversions

Conversions Part 1

Format	Color
Hex	18EF04
RGB	24, 239, 4
RGB Percent	9%, 94%, 2%
CMY	0.9059, 0.0627, 0.9843
CMYK	0.90, 0.00, 0.98, 0.06
HSL	115°, 97%, 48%
HSV	115°, 98%, 94%
XYZ	31.2651, 61.9360, 10.4219
YIQ	147.9250, -52.7050, -118.6650

Conversions

Conversions Part 2

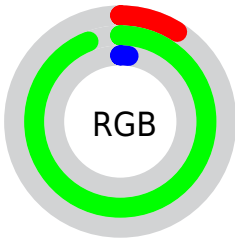
Format	Color
RYB	4, 239, 219
Decimal	1634052
CIELab	82.88, -81.05, 78.99
CIELCh	83, 113.180, 135.736
Yxy	61.9360, 0.3017, 0.5977
Android (android.graphics.Color)	4279824132 (0xFF18EF04)
YUV	147.9250, -70.9550, -108.6822
Hunter-Lab	78.6994, -66.8108, 47.2380

Details

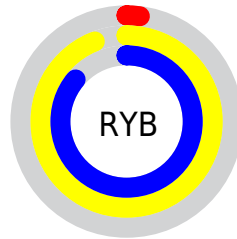
The Hex color **18EF04** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DB04EF**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **78FF5A**, and **00B500** is the 20% darker color. If you saturate the color by 10%, you get **14EF00**, and if you desaturate by 10%, it is **2EEF1C**.

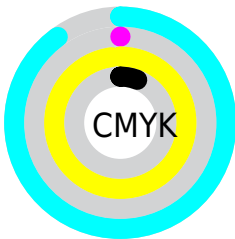
Distribution



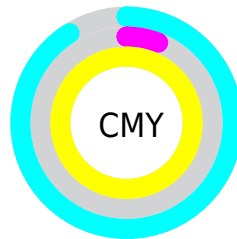
- Red (9%)
- Green (94%)
- Blue (2%)



- Red (2%)
- Yellow (94%)
- Blue (86%)



- Cyan (90%)
- Magenta (0%)
- Yellow (98%)
- Black (6%)



- Cyan (91%)
- Magenta (6%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18EF04 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 18EF04 by changing the saturation by 10% instead.

 18EF04

 18EF04

FFFFFF

 00D200

 78FF5A

 00B500

 9AFF78

 009900

 BBFF96

 007E00

 DCFFB3

 006300

 FCFFD1

 004900

 FFFFEF

 002F00

 001200

 000000

 18EF04

 18EF04

 14EF00

 2EEF1C

 44EF34

 5AEF4C

 6FEF64

 85EF7C

 9BEF93

 B1EFAB

 C7EFC3

 DDEFDB

Harmonies

Analogous

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



C5DB00



18EF04



00F996

Triad

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



18EF04



00EAFB



FF3E9C

Complementary

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



18EF04



DB04EF

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.



FF4CFF



18EF04



00C9FF

Square

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



18EF04



00F9FF



FF92FF



FF8031

Rectangle

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



18EF04



00FBE1



FF92FF



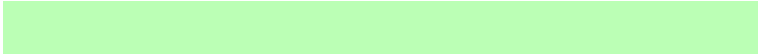
FF32BF

Sweetspot

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



18EF04



BBFFB5



EFD704



578053



000000



808080

Same Dimension

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



18EF04



16FF00



04EF62



6D786C



10B800



053800

Inverse Universe

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



DB04EF



E900FF



EF0491



776C78



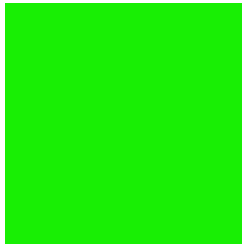
A800B8



330038

Previews

White Background



This preview shows how the Hex color 18EF04 looks on a white background.

Color Contrast Check

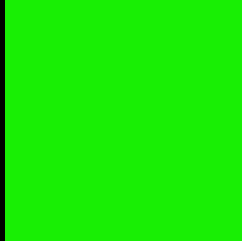
Large Text (above 18pt) WCAG AA × Fail

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 18EF04 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

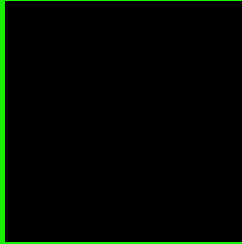
Any Text WCAG AA ✓ Pass

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 18EF04 Background



This preview shows how black text looks on a background with the Hex color 18EF04.



This preview shows how white text looks on a background with the Hex color 18EF04.

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](#).

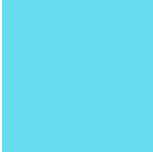
Dichromacy



Original Color
18EF04

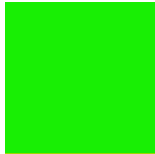
Protanopia
E6CD00

Deuteranopia
FFC243



Tritanopia
66DEF0

Trichromacy



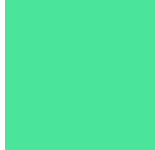
Original Color
18EF04



Protanomaly
9BD901

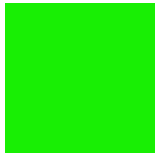


Deuteranomaly
ABD22C



Tritanomaly
4AE49A

Monochromacy



Original Color
18EF04



Achromatopsia
949494



Achromatomaly
67B560

CSS Examples

Text

The CSS property to change the color of the text to Hex 18EF04 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 #18EF04 looks like.

```
.text, #text, p{  
    color:#18EF04  
}
```

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 #18EF04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18EF04
}
```

Border

The CSS property to change the border of an element to Hex 18EF04 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".

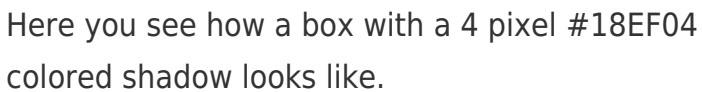
```
.border, #border, table{ border:4px solid
#18EF04 }
```

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

```
.border{ border-color:#18EF04 }
```

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

Here you see how a box with a 4 pixel #18EF04 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides. The right side of the box is open, showing a green shadow that extends to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18EF04; -webkit-box-shadow:4px 4px  
4px 4px #18EF04; box-shadow:4px 4px 4px  
4px #18EF04 }
```

Background

The CSS property to change the background color of an element to Hex 18EF04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18EF04 }
```

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

```
.background{ background-color:#18EF04 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor