

Converting Colors

Hex(14FE1A)

Have a look what the booklet for
Hex(14FE1A) contains.

Hex(14FE1A)	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(14FE1A)

Conversions

Conversions Part 1

Format	Color
Hex	14FE1A
RGB	20, 254, 26
RGB Percent	8%, 100%, 10%
CMY	0.9216, 0.0039, 0.8980
CMYK	0.92, 0.00, 0.90, 0.00
HSL	122°, 99%, 54%
HSV	122°, 92%, 100%
XYZ	35.9168, 71.1069, 12.8093
YIQ	158.0420, -66.2760, -120.5160

Conversions

Conversions Part 2

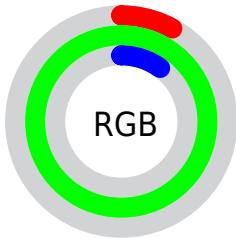
Format	Color
R _Y B	20, 248, 254
Decimal	1375770
CIE Lab	87.54, -84.80, 80.51
CIE LCh	88, 116.930, 136.484
Yxy	71.1069, 0.2997, 0.5934
Android (android.graphics.Color)	4279565850 (0xFF14FE1A)
YUV	158.0420, -65.0967, -121.0628
Hunter-Lab	84.3249, -71.5396, 50.0211

Details

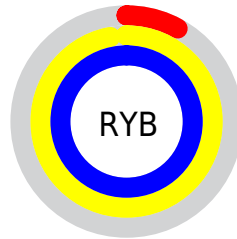
The Hex color **14FE1A** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **FE14F8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7BFF64**, and **00C300** is the 20% darker color. If you saturate the color by 10%, you get **00FE07**, and if you desaturate by 10%, it is **2DFE33**.

Distribution



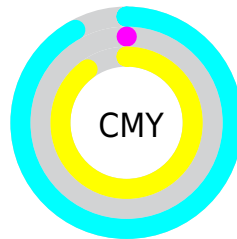
- Red (8%)
- Green (100%)
- Blue (10%)



- Red (8%)
- Yellow (97%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14FE1A 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 14FE1A by changing the saturation by 10% instead.

 14FE1A

 14FE1A

FFFFFF

 00E000

 7BFF64

 00C300

 9EFF82

 00A700

 BFFF9F

 008B00

 E0FFBD

 007000

 FFFFDB

 005500

 FFFFF9

 003C00

 002200

 000000

 14FE1A

 14FE1A


 00FE07

 2DFE33

 47FE4B

 60FE64

 7AFE7D

 93FE96

 ACFEAE

 C6FEC7

 DFFEE0

 F9FEF9

Harmonies

Analogous

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



CFE900



14FE1A



00FFA3

Triad

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



14FE1A



00F7FF



FF4AA4

Complementary

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



14FE1A



FE14F8

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.



FF54FF



14FE1A



00D4FF

Square

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



14FE1A



00FFFF



FF9BFF



FF8C35

Rectangle

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



14FE1A



00FFF2



FF9BFF



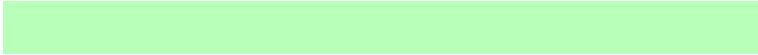
FF3EC8

Sweetspot

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



14FE1A



B8FFB9



FAFE14



548055



000000



808080

Same Dimension

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



14FE1A



00FF07



14FE8D



738073



00BF05



004002

Inverse Universe

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



FE14F8



FF00F8



FE1485



80737F



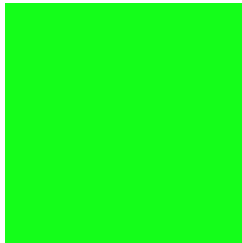
BF00BA



40003E

Previews

White Background



This preview shows how the Hex color 14FE1A 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 14FE1A 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

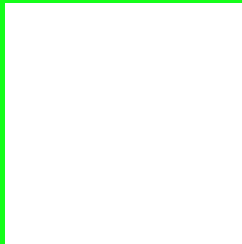
Any Text WCAG AAA ✓ Pass

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

Hex 14FE1A Background



This preview shows how black text looks on a background with the Hex color 14FE1A.

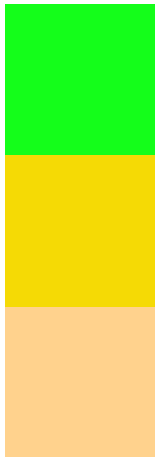


This preview shows how white text looks on a background with the Hex color 14FE1A.

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](#).

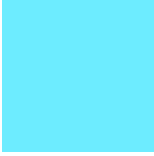
Dichromacy



Original Color
14FE1A

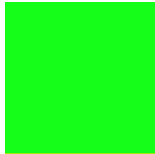
Protanopia
F5DA05

Deuteranopia
FFD28D



Tritanopia
6DECFE

Trichromacy



Original Color

14FE1A



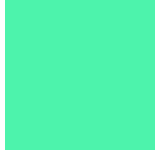
Protanomaly

A3E70D



Deuteranomaly

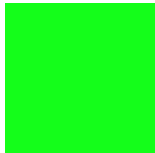
AAE263



Tritanomaly

4DF3AC

Monochromacy



Original Color

14FE1A



Achromatopsia

9E9E9E



Achromatomaly

6CC16E

CSS Examples

Text

The CSS property to change the color of the text to Hex 14FE1A 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 #14FE1A looks like.

```
.text, #text, p{  
    color:#14FE1A  
}
```

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 #14FE1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14FE1A
}
```

Border

The CSS property to change the border of an element to Hex 14FE1A 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
#14FE1A }
```

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

```
.border{ border-color:#14FE1A }
```

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

Here you see how a box with a 4 pixel #14FE1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14FE1A; -webkit-box-shadow:4px 4px  
4px 4px #14FE1A; box-shadow:4px 4px 4px  
4px #14FE1A }
```

Background

The CSS property to change the background color of an element to Hex 14FE1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14FE1A }
```

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

```
.background{ background-color:#14FE1A }
```

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