

# Converting Colors

Hex(84FE19)

Have a look what the booklet for  
Hex(84FE19) contains.

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**Color**

**Hex(84FE19)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84FE19
RGB	132, 254, 25
RGB Percent	52%, 100%, 10%
CMY	0.4824, 0.0039, 0.9020
CMYK	0.48, 0.00, 0.90, 0.00
HSL	92°, 99%, 55%
HSV	92°, 90%, 100%
XYZ	45.1330, 75.8593, 13.1833
YIQ	191.4160, 0.7970, -97.0830

# Conversions

## Conversions Part 2

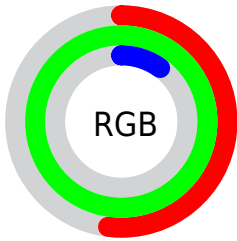
Format	Color
R <sub>Y</sub> B	25, 254, 147
Decimal	8715801
CIE Lab	89.79, -65.93, 83.46
CIE LCh	90, 106.358, 128.306
Yxy	75.8593, 0.3364, 0.5654
Android (android.graphics.Color)	4286905881 (0xFF84FE19)
YUV	191.4160, -82.0431, -52.1078
Hunter-Lab	87.0973, -59.9232, 51.9938

# Details

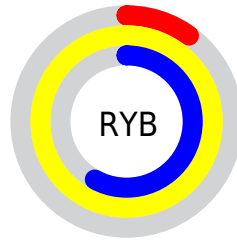
The Hex color **84FE19** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **9319FE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C2FF64**, and **40C400** is the 20% darker color. If you saturate the color by 10%, you get **77FE00**, and if you desaturate by 10%, it is **92FE32**.

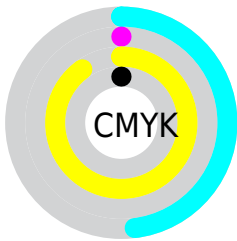
# Distribution



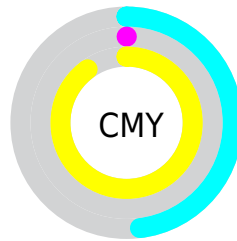
- Red (52%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (58%)



- Cyan (48%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84FE19 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 84FE19 by changing the saturation by 10% instead.



 84FE19

 84FE19

FFFFFF

 64E100

 C2FF64

 40C400

 E1FF82

 03A800

 FFFFA0

 008D00

 FFFFBE

 007200

 FFFFDC

 005800

 FFFFFA

 004000

 002700

 000000

 84FE19

 84FE19

 77FE00

 92FE32

 9FFE4C

 ADFE65

 BAFE7F

 C8FE98

 D5FEB1

 E3FECB

 F0FEE4

 FEFEFE

# Harmonies

## Analogous

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



F5E700



84FE19



00FF92

# Triad

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



84FE19



00FFFF



FF6BCA

# Complementary

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



84FE19



9319FE

# 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.



FF83FF



84FE19



00E5FF

# Square

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



84FE19



00FFFF



FFB8FF



FF8F68

# Rectangle

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



84FE19



00FFD9



FFB8FF



FF6CEC

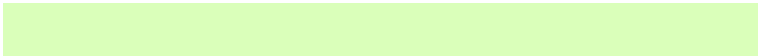


# Sweetspot

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



84FE19



DAFFBA



FE8F19



6A8057



000000



808080



# Same Dimension

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



84FE19



77FF00



19FE1D



798073



59BF00



1E4000



# Inverse Universe

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



9319FE



8800FF



FE19FA



7A7380



6600BF

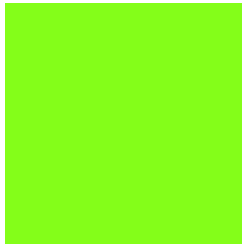


220040



# Previews

## White Background



This preview shows how the Hex color 84FE19 looks on a white background.

## Color Contrast Check

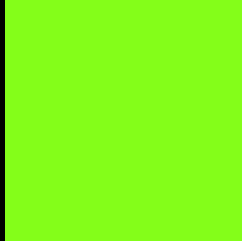
Large Text (above 18pt) WCAG AA × Fail

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 84FE19 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

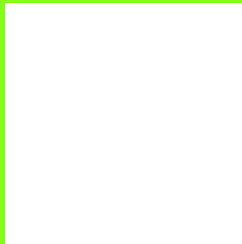
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84FE19 Background



This preview shows how black text looks on a background with the Hex color 84FE19.

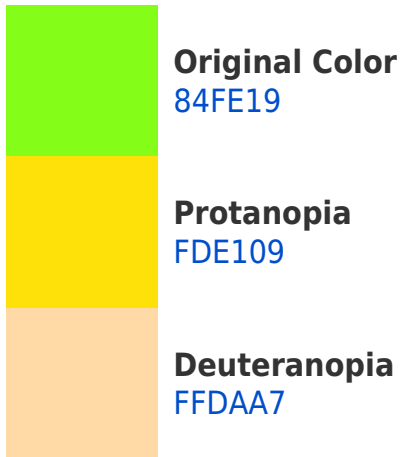


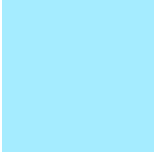
This preview shows how white text looks on a background with the Hex color 84FE19.

# 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](#).

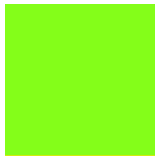
## Dichromacy





**Tritanopia**  
A5ECFF

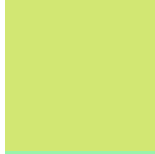
# Trichromacy



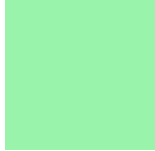
**Original Color**  
84FE19



**Protanomaly**  
D1EC0F

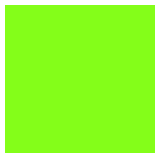


**Deuteranomaly**  
D2E773

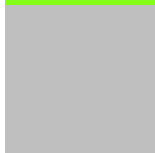


**Tritanomaly**  
99F3AB

# Monochromacy



**Original Color**  
84FE19



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
AAD683

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84FE19 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 #84FE19 looks like.

```
.text, #text, p{  
    color:#84FE19  
}
```

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 #84FE19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FE19
}
```

## Border

The CSS property to change the border of an element to Hex 84FE19 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
#84FE19 }
```

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

```
.border{ border-color:#84FE19 }
```

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

Here you see how a box with a 4 pixel #84FE19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FE19; -webkit-box-shadow:4px 4px  
4px 4px #84FE19; box-shadow:4px 4px 4px  
4px #84FE19 }
```

# Background

The CSS property to change the background color of an element to Hex 84FE19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FE19 }
```

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

```
.background{ background-color:#84FE19 }
```

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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