

# Converting Colors

Hex(8FFE34)

Have a look what the booklet for  
Hex(8FFE34) contains.

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# Color

Hex(8FFE34)

# Conversions

## Conversions Part 1

Format	Color
Hex	8FFE34
RGB	143, 254, 52
RGB Percent	56%, 100%, 20%
CMY	0.4392, 0.0039, 0.7961
CMYK	0.44, 0.00, 0.80, 0.00
HSL	93°, 99%, 60%
HSV	93°, 80%, 100%
XYZ	47.3893, 76.9712, 15.6081
YIQ	197.7830, -1.3140, -86.3540

# Conversions

## Conversions Part 2

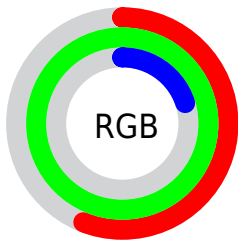
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 254, 163
Decimal	9436724
CIE <sub>Lab</sub>	90.31, -61.75, 78.62
CIE <sub>LCh</sub>	90, 99.970, 128.147
Yxy	76.9712, 0.3386, 0.5499
Android (android.graphics.Color)	4287626804 (0xFF8FFE34)
YUV	197.7830, -71.8710, -48.0447
Hunter-Lab	87.7332, -57.1159, 50.8654

# Details

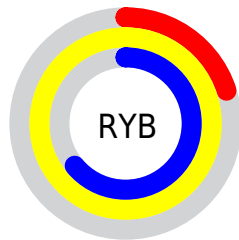
The Hex color **8FFE34** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **A334FE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CCFF73**, and **50C400** is the 20% darker color. If you saturate the color by 10%, you get **81FE1B**, and if you desaturate by 10%, it is **9DFE4D**.

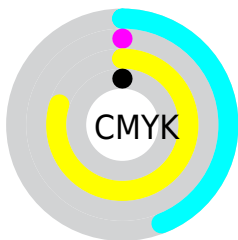
# Distribution



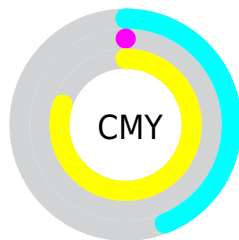
- Red (56%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (64%)



- Cyan (44%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (44%)
- Magenta (0%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FFE34 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 8FFE34 by changing the saturation by 10% instead.



 8FFE34

 8FFE34

FFFFFF

 70E100

 CCFF73

 50C400

 EBFF90

 29A900

 FFFFAE

 008D00

 FFFF00

 007300

 FFFF00

 005900

 004000

 002900

 000200

 8FFE34

 8FFE34

 81FE1B

 9DFE4D

 73FE01

 ABFE67

 72FE00

 B9FE80

 C7FE9A

 D5FEB3

 E3FECC

 F1FEE6

FFFEFF

# Harmonies

## Analogous

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



F7E700



8FFE34



00FF98

# Triad

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



8FFE34



00FFFF



FF7BCD

# Complementary

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



8FFE34



A334FE

# 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.



FF8EFF



8FFE34



00E6FF

# Square

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



8FFE34



00FFFF



FFBDFD



FF9872

# Rectangle

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



8FFE34



00FFDA



FFBDFE



FF7BED

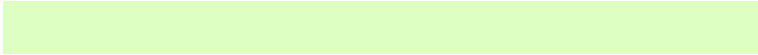


# Sweetspot

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



8FFE34



DDFC2



FEA034



6B805B



000000



808080



# Same Dimension

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



8FFE34



7AFF0D



34FE3B



788073



56BF00



1D4000



# Inverse Universe

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



A334FE



920DFE



FE34F7



7A7380



6900BF

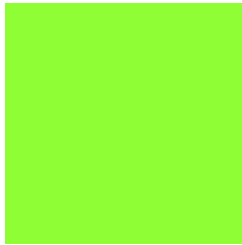


230040



# Previews

## White Background



This preview shows how the Hex color 8FFE34 looks on a white background.

## Color Contrast Check

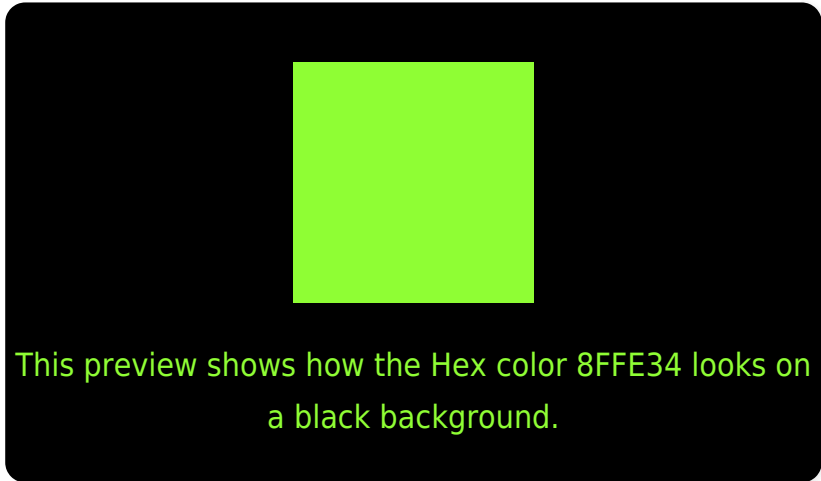
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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

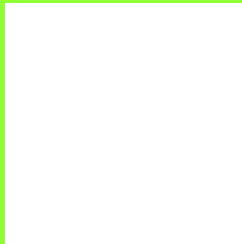
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8FFE34 Background



This preview shows how black text looks on a background with the Hex color 8FFE34.

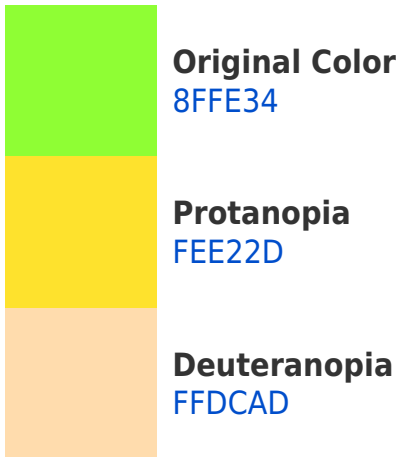


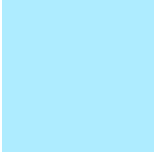
This preview shows how white text looks on a background with the Hex color 8FFE34.

# Color Blindness Simulation

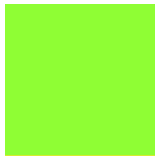
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
8FFE34



**Protanomaly**  
D6EC30

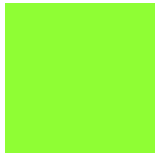


**Deuteranomaly**  
D6E881

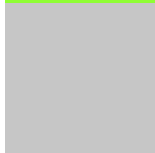


**Tritanomaly**  
A3F3B5

# Monochromacy



**Original Color**  
8FFE34



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
B2DA91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FFE34 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 #8FFE34 looks like.

```
.text, #text, p{  
    color:#8FFE34  
}
```

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 #8FFE34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FFE34
}
```

## Border

The CSS property to change the border of an element to Hex 8FFE34 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
#8FFE34 }
```

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

```
.border{ border-color:#8FFE34 }
```

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

Here you see how a box with a 4 pixel #8FFE34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FFE34; -webkit-box-shadow:4px 4px  
4px 4px #8FFE34; box-shadow:4px 4px 4px  
4px #8FFE34 }
```

# Background

The CSS property to change the background color of an element to Hex 8FFE34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FFE34 }
```

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

```
.background{ background-color:#8FFE34 }
```

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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