

# Converting Colors

Hex(8FF245)

Have a look what the booklet for  
Hex(8FF245) contains.

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**Color**

**Hex(8FF245)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FF245
RGB	143, 242, 69
RGB Percent	56%, 95%, 27%
CMY	0.4392, 0.0510, 0.7294
CMYK	0.41, 0.00, 0.71, 0.05
HSL	94°, 87%, 61%
HSV	94°, 71%, 95%
XYZ	44.1540, 69.7736, 16.7707
YIQ	192.6770, -3.4710, -74.7910

# Conversions

## Conversions Part 2

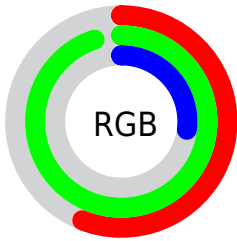
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 242, 168
Decimal	9433669
CIELab	86.89, -56.23, 70.18
CIELCh	87, 89.930, 128.703
Yxy	69.7736, 0.3378, 0.5339
Android (android.graphics.Color)	4287623749 (0xFF8FF245)
YUV	192.6770, -60.9728, -43.5667
Hunter-Lab	83.5306, -51.8240, 46.5676

# Details

The Hex color **8FF245** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **A845F2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CBFF7F**, and **52B900** is the 20% darker color. If you saturate the color by 10%, you get **81F22D**, and if you desaturate by 10%, it is **9DF25D**.

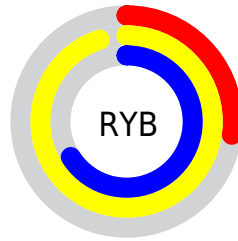
# Distribution



Red (56%)

Green (95%)

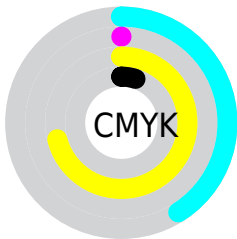
Blue (27%)



Red (27%)

Yellow (95%)

Blue (66%)

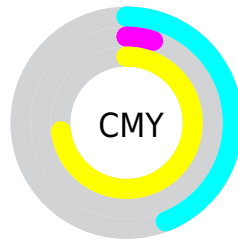


Cyan (41%)

Magenta (0%)

Yellow (71%)

Black (5%)



Cyan (44%)

Magenta (5%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FF245 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 8FF245 by changing the saturation by 10% instead.



 8FF245

 8FF245

FFFFFF

 71D524

 CBFF7F

 52B900

 E9FF9B

 309E00

 FFFFB8

 008300

 FFFFD5

 006900

 FFFFF3

 004F00

 003700

 002000

 000000

 8FF245

 8FF245

 81F22D

 9DF25D

 73F215

 ABF275

 68F200

 B9F28E

 C6F2A6

 D4F2BE

 E2F2D6

 F0F2EE

 FEF2FF

 FFF2FF

# Harmonies

## Analogous

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



ECDE00



8FF245



00FD98

# Triad

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



8FF245



00F3FF



FF82C4

# Complementary

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



8FF245



A845F2

# 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.



FF91FF



8FF245



00DBFF

# Square

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



8FF245



00FFFF



FCB7FF



FF9973

# Rectangle

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



8FF245



00FFD3



FCB7FF



FF82E1

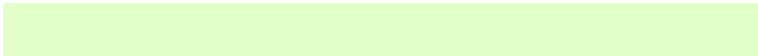


# Sweetspot

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



8FF245



E0FFC9



F2A745



6D8060



000000



808080



# Same Dimension

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



8FF245



82FF24



45F251



71786C



4FB800



183800



# Inverse Universe

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



A845F2



A124FF



F245E6



736C78



6900B8



200038



# Previews

## White Background



This preview shows how the Hex color 8FF245 looks on a white background.

## Color Contrast Check

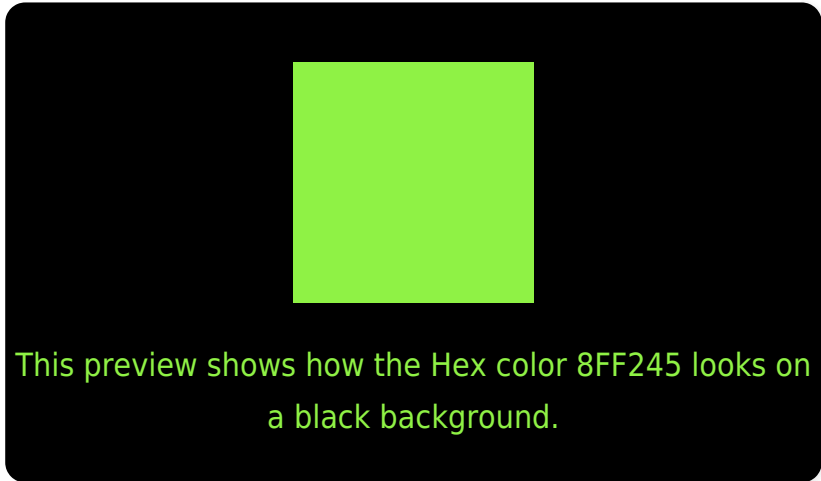
Large Text (above 18pt) WCAG AA × Fail

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 8FF245 Background



This preview shows how black text looks on a background with the Hex color 8FF245.

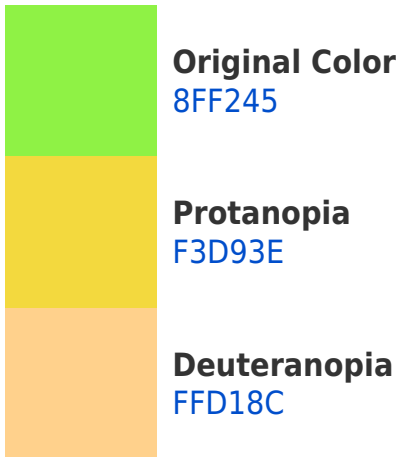


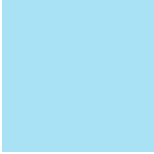
This preview shows how white text looks on a background with the Hex color 8FF245.

# 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**  
A9E2F4

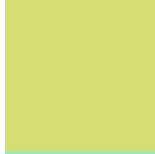
# Trichromacy



**Original Color**  
8FF245



**Protanomaly**  
CFE241



**Deuteranomaly**  
D6DD72

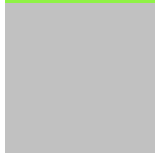


**Tritanomaly**  
A0E8B4

# Monochromacy



**Original Color**  
8FF245



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
AFD394

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FF245 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 #8FF245 looks like.

```
.text, #text, p{  
    color:#8FF245  
}
```

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 #8FF245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF245
}
```

## Border

The CSS property to change the border of an element to Hex 8FF245 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
#8FF245 }
```

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

```
.border{ border-color:#8FF245 }
```

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

Here you see how a box with a 4 pixel #8FF245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF245; -webkit-box-shadow:4px 4px  
4px 4px #8FF245; box-shadow:4px 4px 4px  
4px #8FF245 }
```

# Background

The CSS property to change the background color of an element to Hex 8FF245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF245 }
```

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

```
.background{ background-color:#8FF245 }
```

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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