

# Converting Colors

Hex(8EE918)

Have a look what the booklet for  
Hex(8EE918) contains.

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**Color**

**Hex(8EE918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EE918
RGB	142, 233, 24
RGB Percent	56%, 91%, 9%
CMY	0.4431, 0.0863, 0.9059
CMYK	0.39, 0.00, 0.90, 0.09
HSL	86°, 83%, 50%
HSV	86°, 90%, 91%
XYZ	40.4591, 64.0946, 11.1032
YIQ	181.9650, 12.8530, -84.2910

# Conversions

## Conversions Part 2

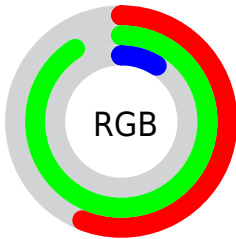
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 233, 115
Decimal	9365784
CIE <sub>Lab</sub>	84.01, -54.98, 79.00
CIE <sub>LCh</sub>	84, 96.247, 124.834
Yxy	64.0946, 0.3498, 0.5542
Android (android.graphics.Color)	4287555864 (0xFF8EE918)
YUV	181.9650, -77.8767, -35.0493
Hunter-Lab	80.0591, -49.8956, 47.8185

# Details

The Hex color **8EE918** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7318E9**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CAFF60**, and **51B100** is the 20% darker color. If you saturate the color by 10%, you get **84E901**, and if you desaturate by 10%, it is **98E92F**.

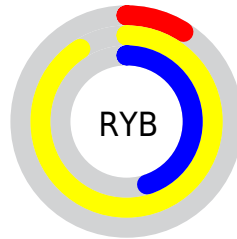
# Distribution



Red (56%)

Green (91%)

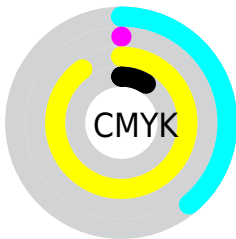
Blue (9%)



Red (9%)

Yellow (91%)

Blue (45%)

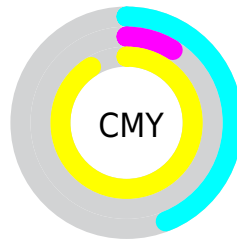


Cyan (39%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (44%)

Magenta (9%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EE918 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 8EE918 by changing the saturation by 10% instead.



 8EE918

 8EE918

FFFFFF

 70CC00

 CAFF60

 51B100

 E8FF7E

 2E9500

 FFFF9B

 007B00

 FFFFB8

 006100

 FFFFD6

 004800

 FFFFF4

 003100

 001700

 000000

 8EE918

 8EE918

 84E901

 98E92F

 84E900

 A2E947

 ACE95E

 B7E975

 C1E98D

 CBE9A4

 D5E9BB

 DFE9D2

 E9E9EA

# Harmonies

## Analogous

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



EDD200



8EE918



00F57F

# Triad

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



8EE918



00EFFF



FF6CC7

# Complementary

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



8EE918



7318E9

# 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.



FF84FF



8EE918



00D8FF

# Square

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



8EE918



00F9FF



E3B2FF



FF856F

# Rectangle

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



8EE918



00F9BE



E3B2FF



FF6FE5

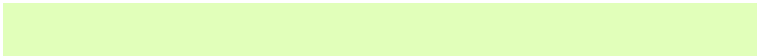


# Sweetspot

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



8EE918



E1FFBA



E97318



6E8057



000000



808080



# Same Dimension

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



8EE918



90FF00



26E918



70756A



66B500



1E3600



# Inverse Universe

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



7318E9



6F00FF



DB18E9



6F6A75



4F00B5

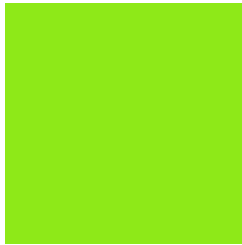


170036



# Previews

## White Background



This preview shows how the Hex color 8EE918 looks on a white background.

## Color Contrast Check

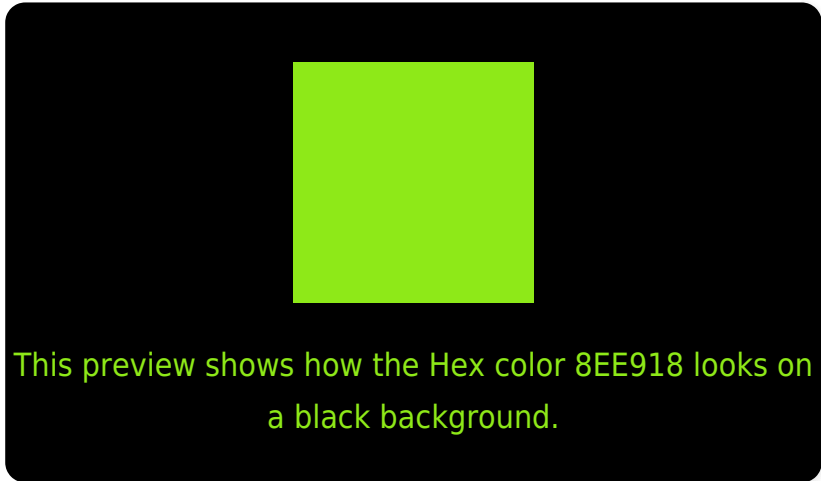
Large Text (above 18pt) WCAG AA × Fail

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 8EE918 Background



This preview shows how black text looks on a background with the Hex color 8EE918.

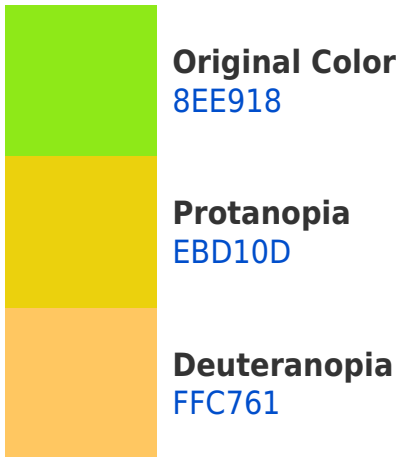


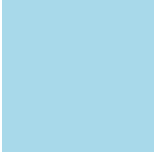
This preview shows how white text looks on a background with the Hex color 8EE918.

# 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



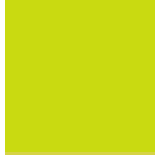


**Tritanopia**  
A8D9EA

# Trichromacy



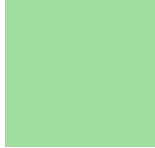
**Original Color**  
8EE918



**Protanomaly**  
C9DA11



**Deuteranomaly**  
D6D346



**Tritanomaly**  
9FDF9E

# Monochromacy



**Original Color**  
8EE918



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
A7C97D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EE918 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 #8EE918 looks like.

```
.text, #text, p{  
    color:#8EE918  
}
```

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 #8EE918 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE918  
}
```

## Border

The CSS property to change the border of an element to Hex 8EE918 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  
#8EE918 }
```

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

```
.border{ border-color:#8EE918 }
```

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

Here you see how a box with a 4 pixel #8EE918 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE918; -webkit-box-shadow:4px 4px  
4px 4px #8EE918; box-shadow:4px 4px 4px  
4px #8EE918 }
```

# Background

The CSS property to change the background color of an element to Hex 8EE918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE918 }
```

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

```
.background{ background-color:#8EE918 }
```

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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