

Converting Colors

Hex(8EE021)

Have a look what the booklet for
Hex(8EE021) contains.

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Color

Hex(8EE021)

Conversions

Conversions Part 1

Format	Color
Hex	8EE021
RGB	142, 224, 33
RGB Percent	56%, 88%, 13%
CMY	0.4431, 0.1216, 0.8706
CMYK	0.37, 0.00, 0.85, 0.12
HSL	86°, 75%, 50%
HSV	86°, 85%, 88%
XYZ	38.0855, 59.1719, 10.8528
YIQ	177.7080, 12.4390, -76.7850

Conversions

Conversions Part 2

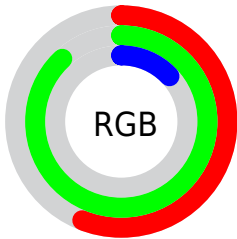
Format	Color
RYB	33, 224, 115
Decimal	9363489
CIELab	81.39, -51.15, 75.18
CIELCh	81, 90.926, 124.231
Yxy	59.1719, 0.3523, 0.5473
Android (android.graphics.Color)	4287553569 (0xFF8EE021)
YUV	177.7080, -71.3410, -31.3159
Hunter-Lab	76.9233, -46.2386, 45.4813

Details

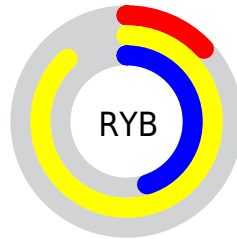
The Hex color **8EE021** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **7321E0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C9FF63**, and **52A800** is the 20% darker color. If you saturate the color by 10%, you get **84E00B**, and if you desaturate by 10%, it is **98E037**.

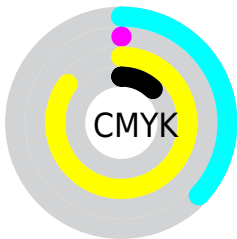
Distribution



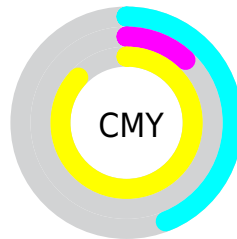
- Red (56%)
- Green (88%)
- Blue (13%)



- Red (13%)
- Yellow (88%)
- Blue (45%)



- Cyan (37%)
- Magenta (0%)
- Yellow (85%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EE021 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 8EE021 by changing the saturation by 10% instead.

 8EE021

 8EE021

FFFFFF

 70C400

 C9FF63

 52A800

 E7FF80

 328D00

 FFFF9D

 007300

 FFFFBA

 005A00

 FFFFD7

 004100

 FFFFF5

 002C00

 000900

 000000

■ 8EE021

■ 8EE021

■ 84E00B

■ 98E037

■ 80E000

■ A1E04E

■ ABE064

■ B4E07B

■ BEE091

■ C8E0A7

■ D1E0BE

■ DBE0D4

■ E5E0EB

Harmonies

Analogous

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



E7CA00



8EE021



00EC7C

Triad

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



8EE021



00E6FF



FF6DC2

Complementary

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



8EE021



7321E0

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



8EE021



00D1FF

Square

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



8EE021



00FFFF



D8AEFF



FF836F

Rectangle

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



8EE021



00F0B6



D8AEFF



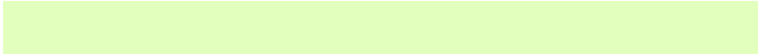
FF70DE

Sweetspot

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



8EE021



E3FFBD



E07121



6F8058



000000



808080

Same Dimension

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



8EE021



92FF00



31E021



6B7065



64B000



1C3000

Inverse Universe

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



7321E0



6D00FF



D021E0



6A6570



4C00B0



150030

Previews

White Background



This preview shows how the Hex color 8EE021 looks on a white background.

Color Contrast Check

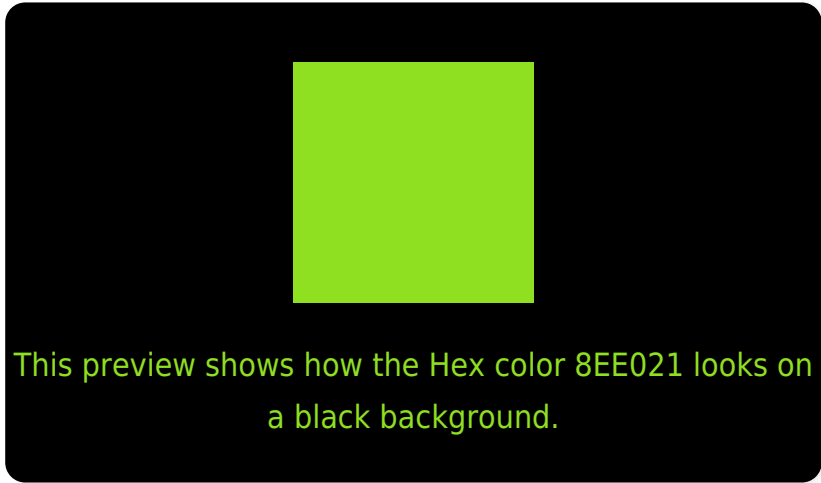
Large Text (above 18pt) WCAG AA × Fail

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 8EE021 Background



This preview shows how black text looks on a background with the Hex color 8EE021.



This preview shows how white text looks on a background with the Hex color 8EE021.

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
8EE021

Protanopia
E3CA1A

Deuteranopia
FDBF35



Tritanopia
A6D0E1

Trichromacy



Original Color
8EE021



Protanomaly
C4D21D



Deuteranomaly
D5CB2E

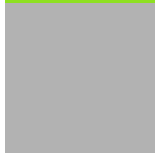


Tritanomaly
9DD69B

Monochromacy



Original Color
8EE021



Achromatopsia
B2B2B2



Achromatomaly
A5C37D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EE021 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 #8EE021 looks like.

```
.text, #text, p{  
    color:#8EE021  
}
```

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 #8EE021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EE021
}
```

Border

The CSS property to change the border of an element to Hex 8EE021 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
#8EE021 }
```

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

```
.border{ border-color:#8EE021 }
```

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

Here you see how a box with a 4 pixel #8EE021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EE021; -webkit-box-shadow:4px 4px  
4px 4px #8EE021; box-shadow:4px 4px 4px  
4px #8EE021 }
```

Background

The CSS property to change the background color of an element to Hex 8EE021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EE021 }
```

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

```
.background{ background-color:#8EE021 }
```

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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