

Converting Colors

Hex(8EED00)

Have a look what the booklet for
Hex(8EED00) contains.

Hex(8EED00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(8EED00)

Conversions

Conversions Part 1

Format	Color
Hex	8EED00
RGB	142, 237, 0
RGB Percent	56%, 93%, 0%
CMY	0.4431, 0.0706, 1.0000
CMYK	0.40, 0.00, 1.00, 0.07
HSL	84°, 100%, 46%
HSV	84°, 100%, 93%
XYZ	41.4395, 66.3192, 10.6168
YIQ	181.5770, 19.4570, -93.8470

Conversions

Conversions Part 2

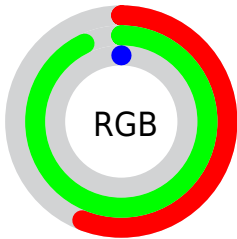
Format	Color
RYB	0, 237, 95
Decimal	9366784
CIELab	85.16, -56.89, 82.36
CIElCh	85, 100.099, 124.637
Yxy	66.3192, 0.3501, 0.5602
Android (android.graphics.Color)	4287556864 (0xFF8EED00)
YUV	181.5770, -89.5175, -34.7090
Hunter-Lab	81.4366, -51.6832, 49.2760

Details

The Hex color **8EED00** 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 **5F00ED**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CBFF5A**, and **50B400** is the 20% darker color. If you saturate the color by 10%, you get **8EED00**, and if you desaturate by 10%, it is **98ED18**.

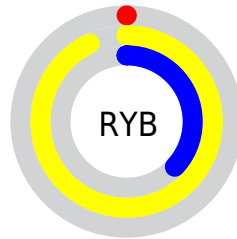
Distribution



Red (56%)

Green (93%)

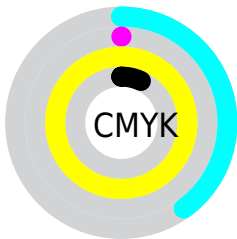
Blue (0%)



Red (0%)

Yellow (93%)

Blue (37%)

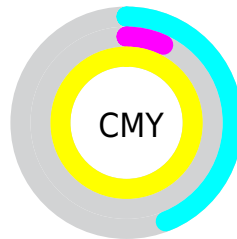


Cyan (40%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (44%)

Magenta (7%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8EED00 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 8EED00 by changing the saturation by 10% instead.

 8EED00

 8EED00

FFFFFF

 70D000

 CBFF5A

 50B400

 E9FF78

 2C9900

 FFFF96

 007E00

 FFFFB3

 006400

 FFFFD1

 004B00

 FFFFEF

 003400

 001B00

 000000

 8EED00

 98ED18

 A1ED2F

 ABED47

 B4ED5F

 BEED76

 C7ED8E

 D1EDA6

 DAEDBE

 E3EDD5

Harmonies

Analogous

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



F1D600



8EED00



00FA7E

Triad

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



8EED00



00F4FF



FF67CA

Complementary

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



8EED00



5F00ED

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



8EED00



00DCFF

Square

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



8EED00



00FEFF



E5B4FF



FF836E

Rectangle

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



8EED00



00FEC0



E5B4FF



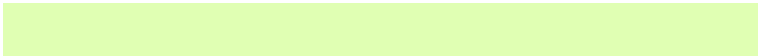
FF6BEA

Sweetspot

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



8EED00



E0FFB3



ED5F00



6D8052



000000



808080

Same Dimension

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



8EED00



99FF00



18ED00



71756A



6CB500



203600

Inverse Universe

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



5F00ED



6600FF



D500ED



6E6A75



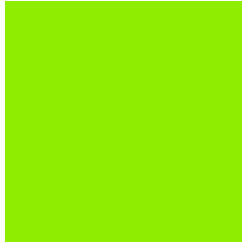
4900B5



150036

Previews

White Background



This preview shows how the Hex color 8EED00 looks on a white background.

Color Contrast Check

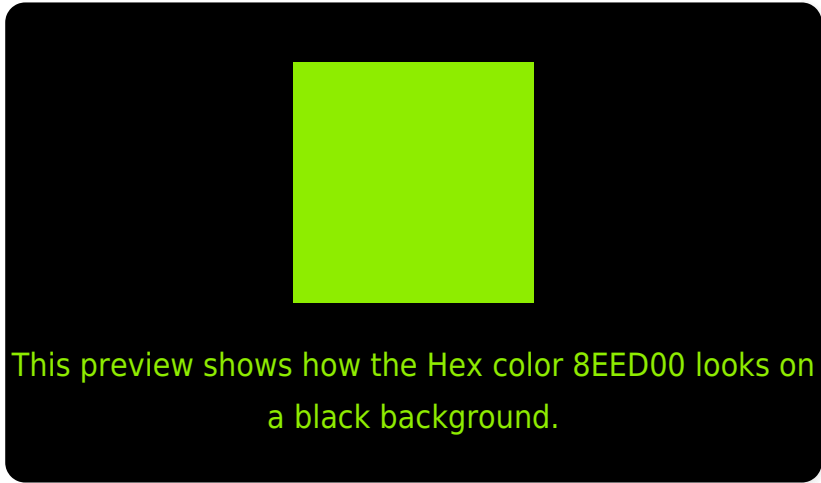
Large Text (above 18pt) WCAG AA × Fail

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 8EED00 Background



This preview shows how black text looks on a background with the Hex color 8EED00.

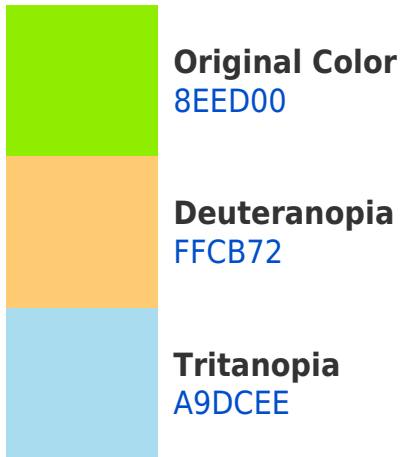


This preview shows how white text looks on a background with the Hex color 8EED00.

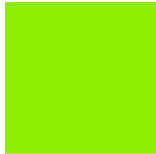
Color Blindness Simulation

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](#).

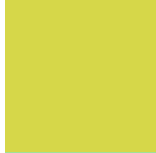
Dichromacy



Trichromacy



Original Color
8EED00



Deuteranomaly
D6D749

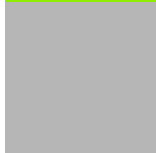


Tritanomaly
9FE297

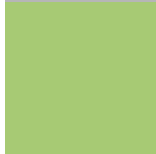
Monochromacy



Original Color
8EED00



Achromatopsia
B6B6B6



Achromatomaly
A7CA74

CSS Examples

Text

The CSS property to change the color of the text to Hex 8EED00 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 #8EED00 looks like.

```
.text, #text, p{  
    color:#8EED00  
}
```

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 #8EED00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EED00
}
```

Border

The CSS property to change the border of an element to Hex 8EED00 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
#8EED00 }
```

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

```
.border{ border-color:#8EED00 }
```

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

Here you see how a box with a 4 pixel #8EED00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EED00; -webkit-box-shadow:4px 4px  
4px 4px #8EED00; box-shadow:4px 4px 4px  
4px #8EED00 }
```

Background

The CSS property to change the background color of an element to Hex 8EED00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EED00 }
```

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

```
.background{ background-color:#8EED00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor