

Converting Colors

Hex(8CEE4E)

Have a look what the booklet for
Hex(8CEE4E) contains.

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Color

Hex(8CEE4E)

Conversions

Conversions Part 1

Format	Color
Hex	8CEE4E
RGB	140, 238, 78
RGB Percent	55%, 93%, 31%
CMY	0.4510, 0.0667, 0.6941
CMYK	0.41, 0.00, 0.67, 0.07
HSL	97°, 82%, 62%
HSV	97°, 67%, 93%
XYZ	42.7649, 67.2746, 17.9391
YIQ	190.4580, -7.0480, -70.5360

Conversions

Conversions Part 2

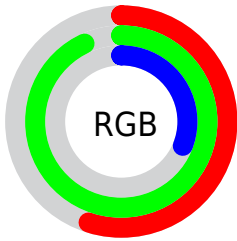
Format	Color
RYB	78, 238, 176
Decimal	9236046
CIELab	85.64, -54.98, 65.60
CIELCh	86, 85.594, 129.964
Yxy	67.2746, 0.3342, 0.5257
Android (android.graphics.Color)	4287426126 (0xFF8CEE4E)
YUV	190.4580, -55.4418, -44.2517
Hunter-Lab	82.0211, -50.4689, 44.4473

Details

The Hex color **8CEE4E** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **B04EEE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C7FF86**, and **50B503** is the 20% darker color. If you saturate the color by 10%, you get **7DEE36**, and if you desaturate by 10%, it is **9BEE66**.

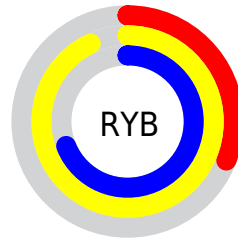
Distribution



Red (55%)

Green (93%)

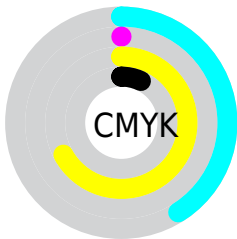
Blue (31%)



Red (31%)

Yellow (93%)

Blue (69%)

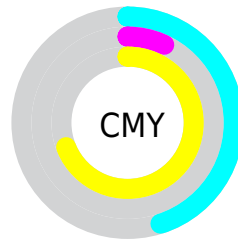


Cyan (41%)

Magenta (0%)

Yellow (67%)

Black (7%)



Cyan (45%)

Magenta (7%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CEE4E 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 8CEE4E by changing the saturation by 10% instead.

 8CEE4E

 8CEE4E

FFFFFF

 6ED130

 C7FF86

 50B503

 E5FFA2

 2E9A00

 FFFFBF

 007F00

 FFFFDC

 006500

 FFFFFA

 004C00

 003500

 001C00

 000000

 8CEE4E

 8CEE4E

 7DEE36

 9BEE66

 6FEE1E

 A9EE7E

 60EE07

 B8EE95

 5CEE00

 C6EEAD

 D5EEC5

 E3EEDD

 F2EEF5

 FFE EFF

Harmonies

Analogous

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



E5DB0A



8CEE4E



00F89B

Triad

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



8CEE4E



00EEFF



FF85BE

Complementary

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



8CEE4E



B04EEE

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



8CEE4E



4AD7FF

Square

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



8CEE4E



00F9FF



FCB4FF



FF9C72

Rectangle

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



8CEE4E



00FCD3



FCB4FF



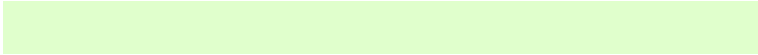
FF85DA

Sweetspot

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



8CEE4E



E0FFCC



EEAE4E



6D8061



000000



808080

Same Dimension

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



8CEE4E



80FF30



4EEE5E



71786C



47B800



163800

Inverse Universe

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



B04EEE



AF30FF



EE4EDE



736C78



7000B8



220038

Previews

White Background



This preview shows how the Hex color 8CEE4E looks on a white background.

Color Contrast Check

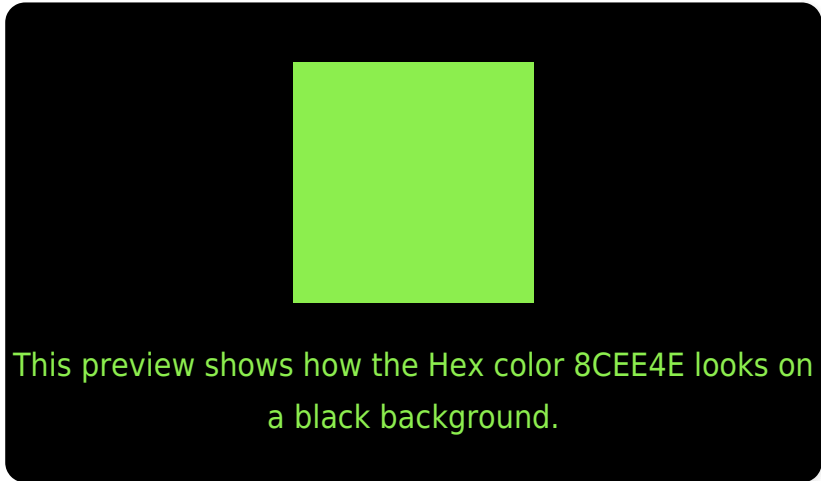
Large Text (above 18pt) WCAG AA × Fail

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

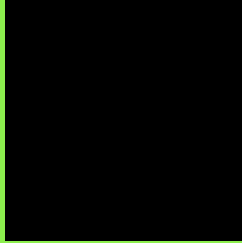
Any Text WCAG AA ✓ Pass

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 8CEE4E Background



This preview shows how black text looks on a background with the Hex color 8CEE4E.

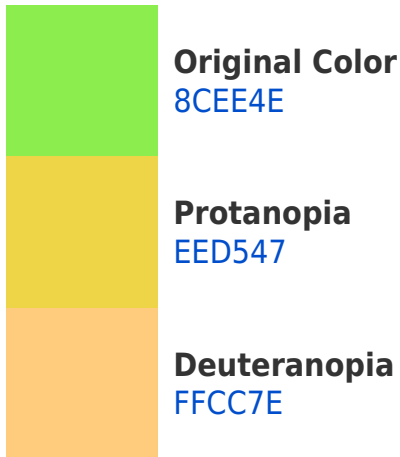


This preview shows how white text looks on a background with the Hex color 8CEE4E.

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](#).

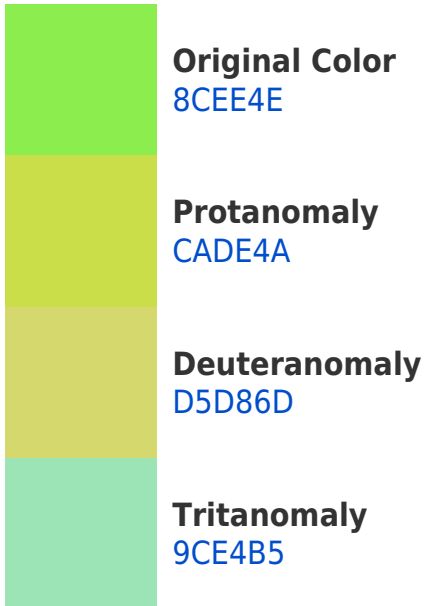
Dichromacy



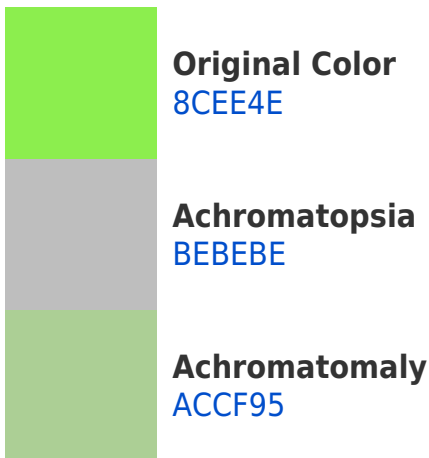


Tritanopia
A5DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CEE4E 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 #8CEE4E looks like.

```
.text, #text, p{  
    color:#8CEE4E  
}
```

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 #8CEE4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CEE4E
}
```

Border

The CSS property to change the border of an element to Hex 8CEE4E 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
#8CEE4E }
```

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

```
.border{ border-color:#8CEE4E }
```

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

Here you see how a box with a 4 pixel #8CEE4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CEE4E; -webkit-box-shadow:4px 4px  
4px 4px #8CEE4E; box-shadow:4px 4px 4px  
4px #8CEE4E }
```

Background

The CSS property to change the background color of an element to Hex 8CEE4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CEE4E }
```

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

```
.background{ background-color:#8CEE4E }
```

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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