

Converting Colors

Hex(C8EF56)

Have a look what the booklet for
Hex(C8EF56) contains.

Hex(C8EF56)	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>	29

Color

Hex(C8EF56)

Conversions

Conversions Part 1

Format	Color
Hex	C8EF56
RGB	200, 239, 86
RGB Percent	78%, 94%, 34%
CMY	0.2157, 0.0627, 0.6627
CMYK	0.16, 0.00, 0.64, 0.06
HSL	75°, 83%, 64%
HSV	75°, 64%, 94%
XYZ	56.3656, 74.6842, 20.2488
YIQ	209.8970, 25.8690, -55.8510

Conversions

Conversions Part 2

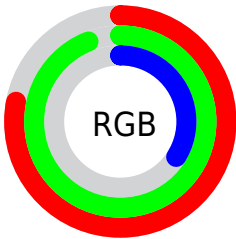
Format	Color
RYB	86, 239, 125
Decimal	13168470
CIELab	89.24, -33.56, 67.30
CIELCh	89, 75.204, 116.508
Yxy	74.6842, 0.3725, 0.4936
Android (android.graphics.Color)	4291358550 (0xFFC8EF56)
YUV	209.8970, -61.0812, -8.6797
Hunter-Lab	86.4200, -34.8123, 46.6020

Details

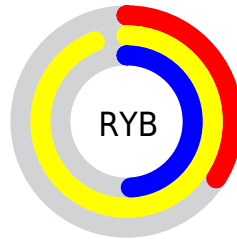
The Hex color **C8EF56** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **7D56EF**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF8E**, and **8FB715** is the 20% darker color. If you saturate the color by 10%, you get **C2EF3E**, and if you desaturate by 10%, it is **CEEF6E**.

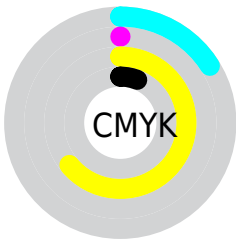
Distribution



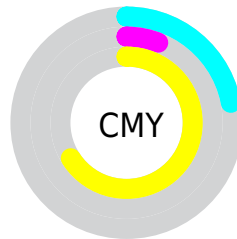
- Red (78%)
- Green (94%)
- Blue (34%)



- Red (34%)
- Yellow (94%)
- Blue (49%)



- Cyan (16%)
- Magenta (0%)
- Yellow (64%)
- Black (6%)



- Cyan (22%)
- Magenta (6%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color C8EF56 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 C8EF56 by changing the saturation by 10% instead.

 C8EF56

FFFFFF

 FFFF8E

 FFFFAA

 FFFFC7

 FFFFEE

 C8EF56

 ABD339

 8FB715

 729C00

 578200

 3C6800

 1D5000

 003900

 002400

 000000

 C8EF56

 C8EF56

 C2EF3E

 CEEF6E

 BCEF26

 D4EF86

 B6EF0E

 DAEF9E

 B2EF00

 E0EFB6

 E6EFCD

 EDEFE5

 F3EFFD

 F9EFFF

 FFEFFF

Harmonies

Analogous

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



FFDA46



C8EF56



68FC8D

Triad

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



C8EF56



00FBFF



FF9FEC

Complementary

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



C8EF56



7D56EF

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.



FFB3FF



C8EF56



00EBFF

Square

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



C8EF56



00FFFF



D4D1FF



FFA5A4

Rectangle

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



C8EF56



00FFBC



D4D1FF



FFA3FF

Sweetspot

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



C8EF56



F3FFCF



EF7C56



788062



000000



808080

Same Dimension

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



C8EF56



CDFF3B



7CEF56



75786C



89B800



2A3800

Inverse Universe

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



7D56EF



6D3BFF



C956EF



6F6C78



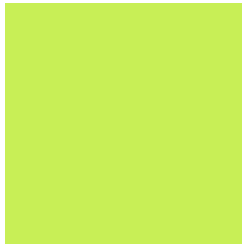
2F00B8



0E0038

Previews

White Background



This preview shows how the Hex color C8EF56 looks on a white background.

Color Contrast Check

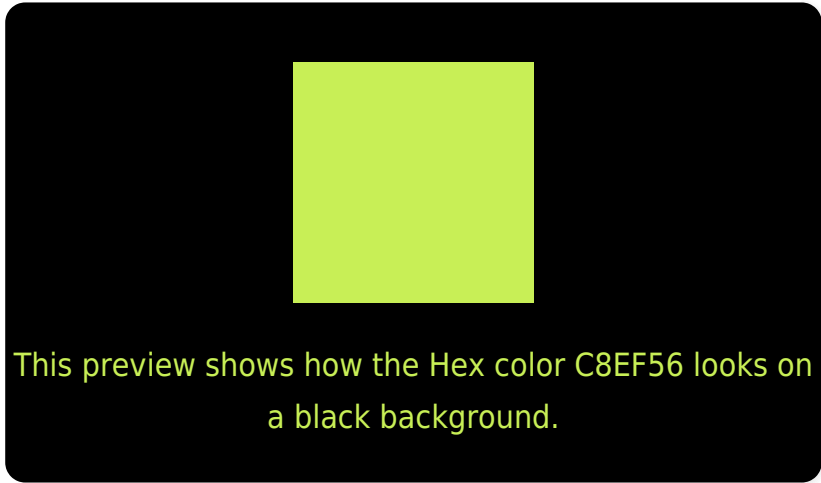
Large Text (above 18pt) WCAG AA × Fail

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 C8EF56 Background



This preview shows how black text looks on a background with the Hex color C8EF56.

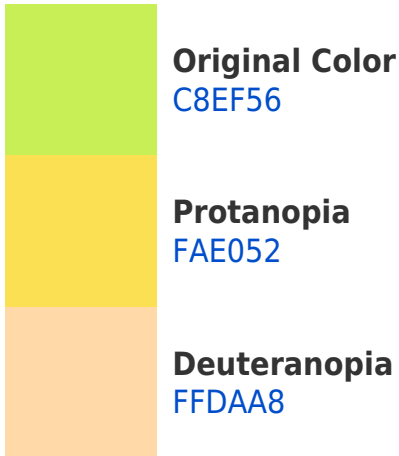


This preview shows how white text looks on a background with the Hex color C8EF56.

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](#).

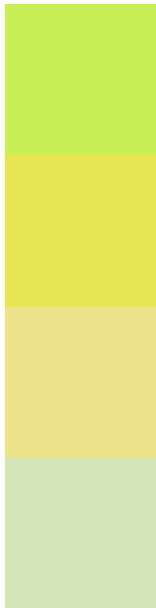
Dichromacy





Tritanopia
D9E0F1

Trichromacy



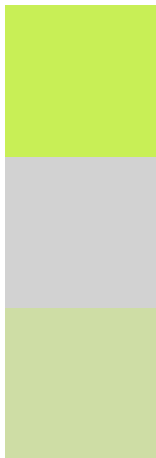
Original Color
C8EF56

Protanomaly
E8E553

Deuteranomaly
EBE28A

Tritanomaly
D3E5B9

Monochromacy



Original Color
C8EF56

Achromatopsia
D2D2D2

Achromatomaly
CEDDA5

CSS Examples

Text

The CSS property to change the color of the text to Hex C8EF56 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 #C8EF56 looks like.

```
.text, #text, p{  
    color:#C8EF56  
}
```

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 #C8EF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8EF56
}
```

Border

The CSS property to change the border of an element to Hex C8EF56 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
#C8EF56 }
```

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

```
.border{ border-color:#C8EF56 }
```

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

Here you see how a box with a 4 pixel #C8EF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8EF56; -webkit-box-shadow:4px 4px  
4px 4px #C8EF56; box-shadow:4px 4px 4px  
4px #C8EF56 }
```

Background

The CSS property to change the background color of an element to Hex C8EF56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8EF56 }
```

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

```
.background{ background-color:#C8EF56 }
```

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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