

Converting Colors

Hex(8CE36A)

Have a look what the booklet for
Hex(8CE36A) contains.

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Color

Hex(8CE36A)

Conversions

Conversions Part 1

Format	Color
Hex	8CE36A
RGB	140, 227, 106
RGB Percent	55%, 89%, 42%
CMY	0.4510, 0.1098, 0.5843
CMYK	0.38, 0.00, 0.53, 0.11
HSL	103°, 68%, 65%
HSV	103°, 53%, 89%
XYZ	40.8858, 61.5542, 23.3619
YIQ	187.1930, -13.0110, -56.0750

Conversions

Conversions Part 2

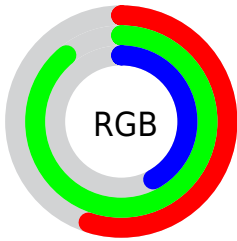
Format	Color
RYB	106, 227, 193
Decimal	9233258
CIELab	82.68, -47.89, 50.40
CIELCh	83, 69.520, 133.536
Yxy	61.5542, 0.3250, 0.4893
Android (android.graphics.Color)	4287423338 (0xFF8CE36A)
YUV	187.1930, -40.0281, -41.3883
Hunter-Lab	78.4565, -44.2777, 37.2648

Details

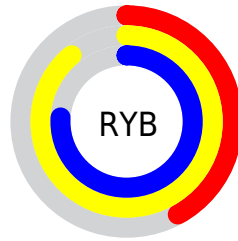
The Hex color **8CE36A** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **C16AE3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C5FFA0**, and **53AB35** is the 20% darker color. If you saturate the color by 10%, you get **7CE353**, and if you desaturate by 10%, it is **9CE381**.

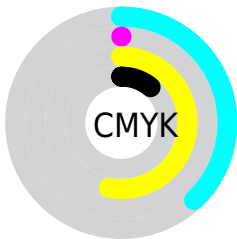
Distribution



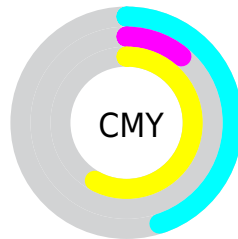
- Red (55%)
- Green (89%)
- Blue (42%)



- Red (42%)
- Yellow (89%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (53%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CE36A 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 8CE36A by changing the saturation by 10% instead.

 8CE36A

 8CE36A

FFFFFF

 70C750

 C5FFA0

 53AB35

 E3FFBC

 359018

 FFFFD8

 0E7600

 FFFFF5

 005C00

 004400

 002D00

 001100

 000000

 8CE36A

 8CE36A

 7CE353

 9CE381

 6BE33D

 ADE397

 5BE326

 BDE3AE

 4BE30F

 CDE3C5

 40E300

 DEE3DC

 EEE3F2

 FEE3FF

 FFE3FF

Harmonies

Analogous

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



D5D444



8CE36A



00EBA6

Triad

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



8CE36A



00DFFF



FF93B3

Complementary

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



8CE36A



C16AE3

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.



FF98F5



8CE36A



8CCBFF

Square

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



8CE36A



00EAFB



F8B0FF



FFA477

Rectangle

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



8CE36A



00EED4



F8B0FF



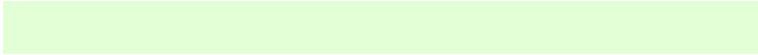
FF92C9

Sweetspot

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



8CE36A



E2FFD6



E3C16A



6E8067



000000



808080

Same Dimension

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



8CE36A



8AFF5C



6AE384



6A7367



32B300



0E3300

Inverse Universe

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



C16AE3



D15CFF



E36AC9



706773



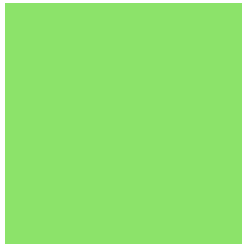
8000B3



250033

Previews

White Background



This preview shows how the Hex color 8CE36A looks on a white background.

Color Contrast Check

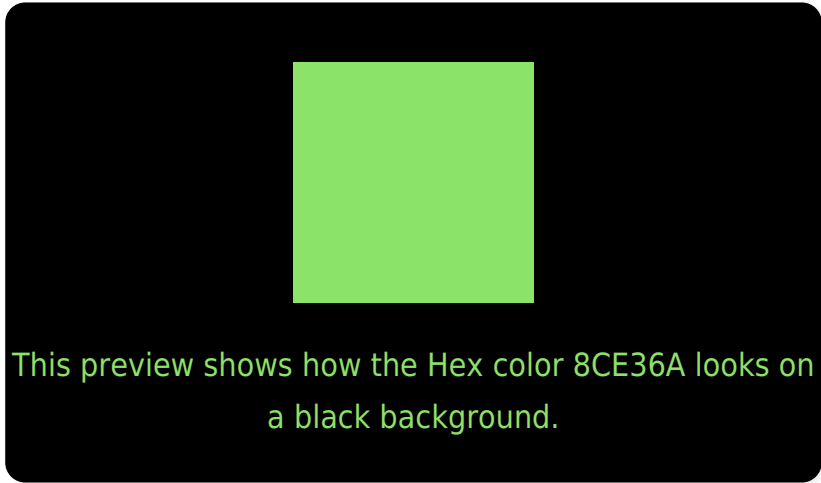
Large Text (above 18pt) WCAG AA × Fail

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 8CE36A Background



This preview shows how black text looks on a background with the Hex color 8CE36A.

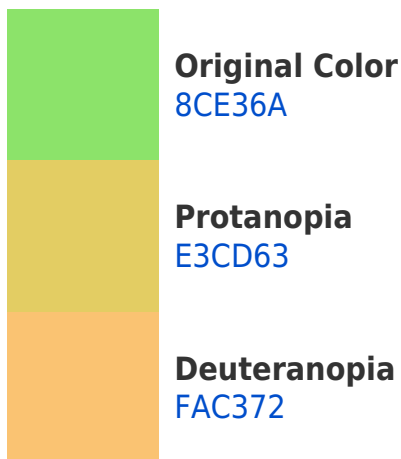


This preview shows how white text looks on a background with the Hex color 8CE36A.

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](#).

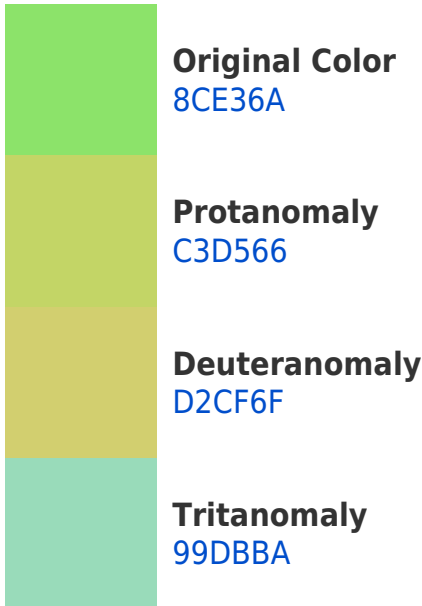
Dichromacy



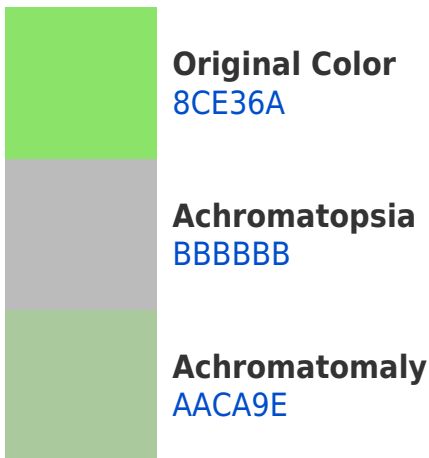


Tritanopia
A1D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CE36A 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 #8CE36A looks like.

```
.text, #text, p{  
    color:#8CE36A  
}
```

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 #8CE36A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CE36A
}
```

Border

The CSS property to change the border of an element to Hex 8CE36A 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
#8CE36A }
```

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

```
.border{ border-color:#8CE36A }
```

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

Here you see how a box with a 4 pixel #8CE36A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CE36A; -webkit-box-shadow:4px 4px  
4px 4px #8CE36A; box-shadow:4px 4px 4px  
4px #8CE36A }
```

Background

The CSS property to change the background color of an element to Hex 8CE36A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CE36A }
```

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

```
.background{ background-color:#8CE36A }
```

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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