

Converting Colors

Hex(8CD46E)

Have a look what the booklet for
Hex(8CD46E) contains.

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Color

Hex(8CD46E)

Conversions

Conversions Part 1

Format	Color
Hex	8CD46E
RGB	140, 212, 110
RGB Percent	55%, 83%, 43%
CMY	0.4510, 0.1686, 0.5686
CMYK	0.34, 0.00, 0.48, 0.17
HSL	102°, 54%, 63%
HSV	102°, 48%, 83%
XYZ	37.1732, 53.7882, 23.1748
YIQ	178.8440, -10.1700, -46.9860

Conversions

Conversions Part 2

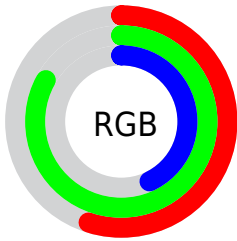
Format	Color
RYB	110, 212, 182
Decimal	9229422
CIELab	78.34, -40.98, 43.24
CIELCh	78, 59.573, 133.462
Yxy	53.7882, 0.3257, 0.4713
Android (android.graphics.Color)	4287419502 (0xFF8CD46E)
YUV	178.8440, -33.9401, -34.0662
Hunter-Lab	73.3404, -37.8717, 32.6033

Details

The Hex color **8CD46E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B66ED4**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **C4FFA3**, and **559D3B** is the 20% darker color. If you saturate the color by 10%, you get **7DD459**, and if you desaturate by 10%, it is **9BD483**.

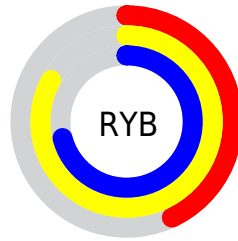
Distribution



Red (55%)

Green (83%)

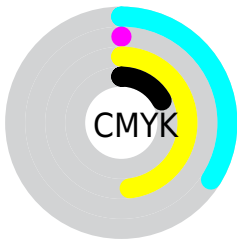
Blue (43%)



Red (43%)

Yellow (83%)

Blue (71%)

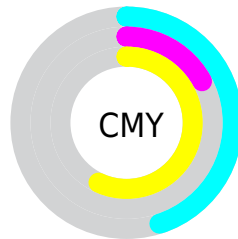


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (17%)



Cyan (45%)

Magenta (17%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8CD46E 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 8CD46E by changing the saturation by 10% instead.

 8CD46E

 8CD46E

FFFFFF

 71B854

 C4FFA3

 559D3B

 E1FFBF

 3A8221

 FFFFDB

 1B6902

 FFFFF8

 005000

 003800

 002400

 000000

 8CD46E

 8CD46E

 7DD459

 9BD483

 6ED444

 AAD498

 5FD42E

 B9D4AE

 50D419

 C8D4C3

 41D404

 D7D4D8

 3ED400

 E6D4ED

 F5D4FF

 FFD4FF

Harmonies

Analogous

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



CAC750



8CD46E



21DBA0

Triad

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



8CD46E



00D0FF



FF92AB

Complementary

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



8CD46E



B66ED4

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.



FF96E3



8CD46E



90BFFF

Square

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



8CD46E



00DAFF



E6A9FF



FF9F78

Rectangle

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



8CD46E



00DDC7



E6A9FF



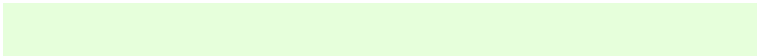
FF92BE

Sweetspot

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



8CD46E



E6FFDB



D4B56E



70806A



000000



808080

Same Dimension

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



8CD46E



97FF6B



6ED482



646B60



32AB00



0D2B00

Inverse Universe

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



B66ED4



D46BFF



D46EC0



68606B



7900AB



1F002B

Previews

White Background



This preview shows how the Hex color 8CD46E looks on a white background.

Color Contrast Check

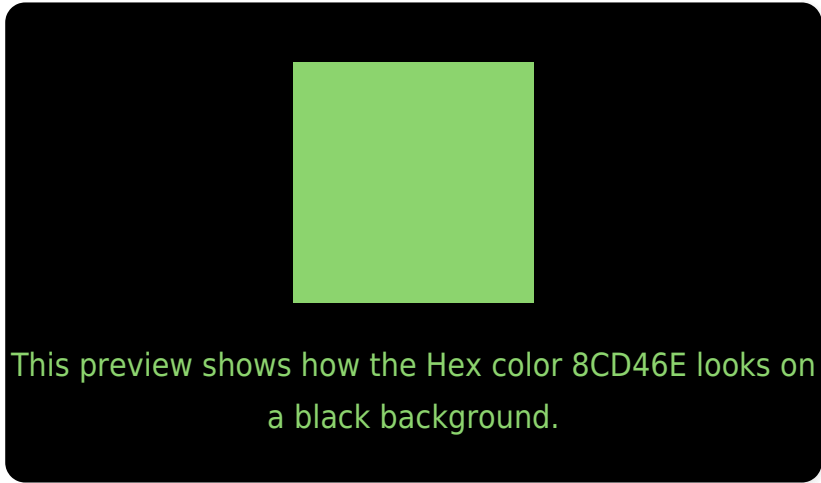
Large Text (above 18pt) WCAG AA × Fail

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

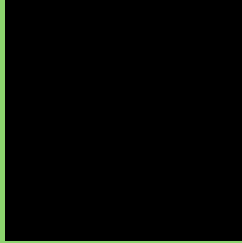
Any Text WCAG AA ✓ Pass

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 8CD46E Background



This preview shows how black text looks on a background with the Hex color 8CD46E.

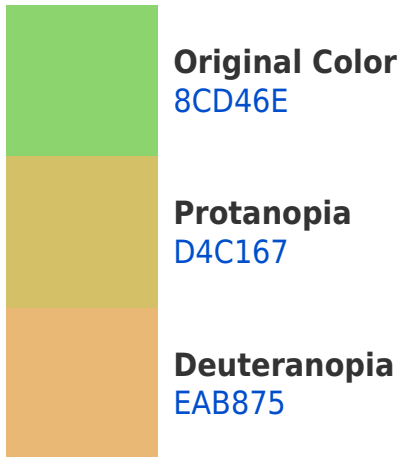


This preview shows how white text looks on a background with the Hex color 8CD46E.

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](#).

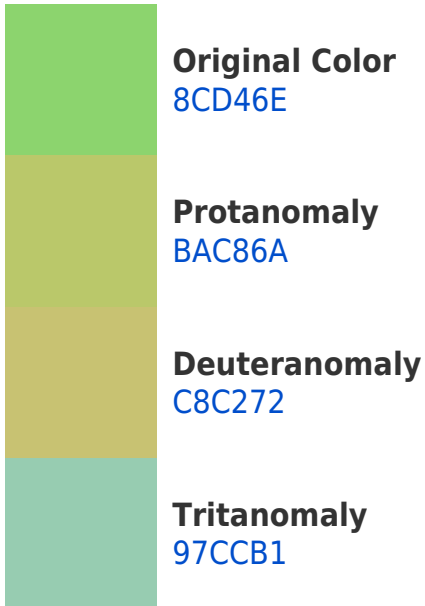
Dichromacy



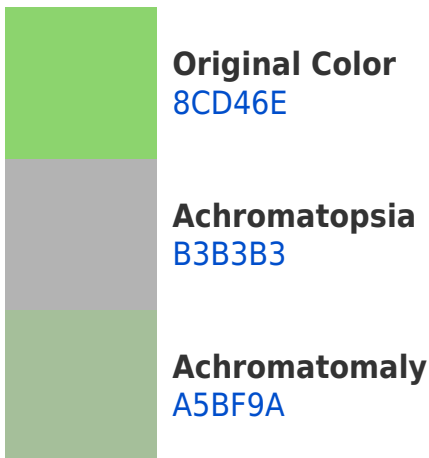


Tritanopia
9EC8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CD46E 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 #8CD46E looks like.

```
.text, #text, p{  
    color:#8CD46E  
}
```

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 #8CD46E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CD46E
}
```

Border

The CSS property to change the border of an element to Hex 8CD46E 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
#8CD46E }
```

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

```
.border{ border-color:#8CD46E }
```

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

Here you see how a box with a 4 pixel #8CD46E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CD46E; -webkit-box-shadow:4px 4px  
4px 4px #8CD46E; box-shadow:4px 4px 4px  
4px #8CD46E }
```

Background

The CSS property to change the background color of an element to Hex 8CD46E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CD46E }
```

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

```
.background{ background-color:#8CD46E }
```

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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