

Converting Colors

Hex(8CCF45)

Have a look what the booklet for
Hex(8CCF45) contains.

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Color

Hex(8CCF45)

Conversions

Conversions Part 1

Format	Color
Hex	8CCF45
RGB	140, 207, 69
RGB Percent	55%, 81%, 27%
CMY	0.4510, 0.1882, 0.7294
CMYK	0.32, 0.00, 0.67, 0.19
HSL	89°, 59%, 54%
HSV	89°, 67%, 81%
XYZ	34.2022, 50.6308, 13.6003
YIQ	171.2350, 4.3660, -57.1220

Conversions

Conversions Part 2

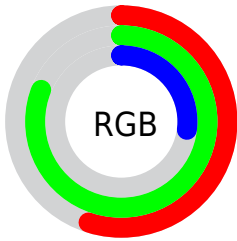
Format	Color
RYB	69, 207, 136
Decimal	9228101
CIELab	76.45, -42.87, 59.43
CIELCh	76, 73.280, 125.807
Yxy	50.6308, 0.3475, 0.5144
Android (android.graphics.Color)	4287418181 (0xFF8CCF45)
YUV	171.2350, -50.4019, -27.3931
Hunter-Lab	71.1553, -38.7222, 38.4763

Details

The Hex color **8CCF45** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **8845CF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C5FF7C**, and **549800** is the 20% darker color. If you saturate the color by 10%, you get **82CF30**, and if you desaturate by 10%, it is **96CF5A**.

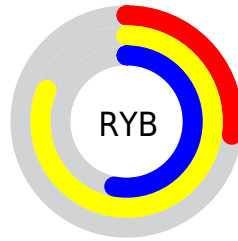
Distribution



Red (55%)

Green (81%)

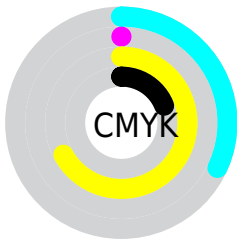
Blue (27%)



Red (27%)

Yellow (81%)

Blue (53%)

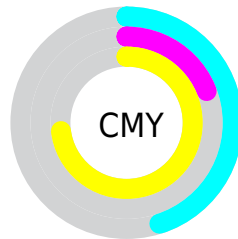


Cyan (32%)

Magenta (0%)

Yellow (67%)

Black (19%)



Cyan (45%)

Magenta (19%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CCF45 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 8CCF45 by changing the saturation by 10% instead.



8CCF45



8CCF45

FFFFFF



70B328



C5FF7C



549800



E3FF97



377E00



FFFFB3



166400



FFFFD0



004C00



FFFFED



003400



001F00



000000



8CCF45



8CCF45

 82CF30

 96CF5A

 78CF1C

 A0CF6E

 6ECF07

 AACF83

 6BCF00

 B4CF98

 BECFAC

 C8CFC1

 D2CFD6

 DCCFEB

 E6CFFF

Harmonies

Analogous

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



D3BE21



8CCF45



00D982

Triad

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



8CCF45



00D2FF



FF7BB2

Complementary

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



8CCF45



8845CF

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.



FF88F6



8CCF45



26C0FF

Square

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



8CCF45



00DBFF



D0A5FF



FF8971

Rectangle

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



8CCF45



00DCB1



D0A5FF



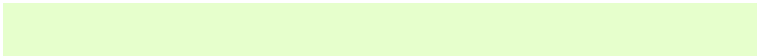
FF7CC9

Sweetspot

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



8CCF45



E6FFCC



CF8845



718061



000000



808080

Same Dimension

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



8CCF45



9CFF33



47CF45



63695E



57A800



152900

Inverse Universe

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



8845CF



9633FF



CD45CF



635E69



5200A8



140029

Previews

White Background



This preview shows how the Hex color 8CCF45 looks on a white background.

Color Contrast Check

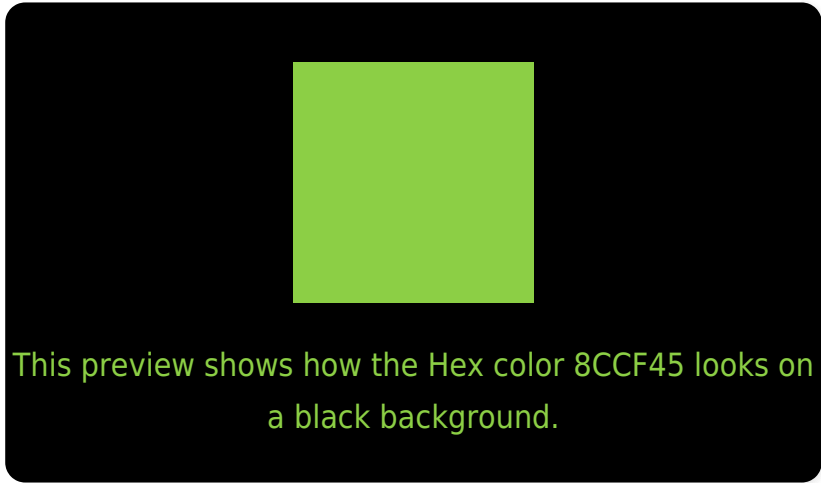
Large Text (above 18pt) WCAG AA × Fail

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 8CCF45 Background



This preview shows how black text looks on a background with the Hex color 8CCF45.

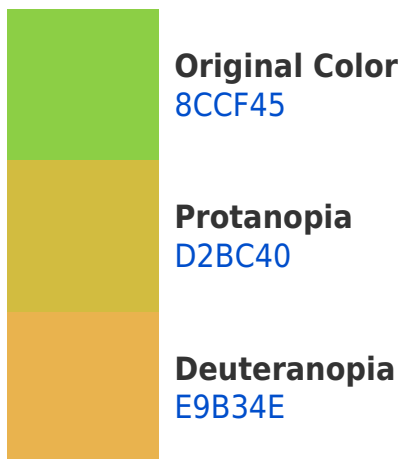


This preview shows how white text looks on a background with the Hex color 8CCF45.

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](#).

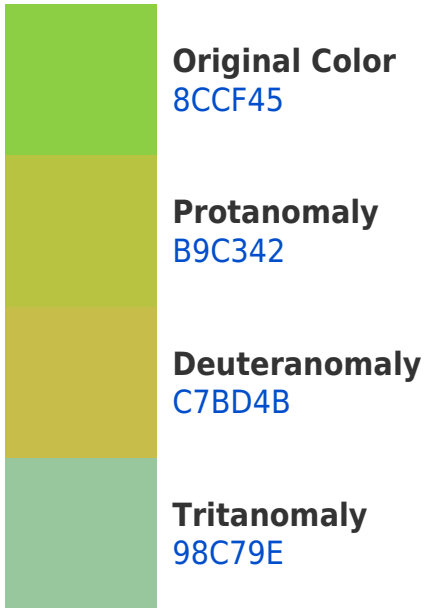
Dichromacy



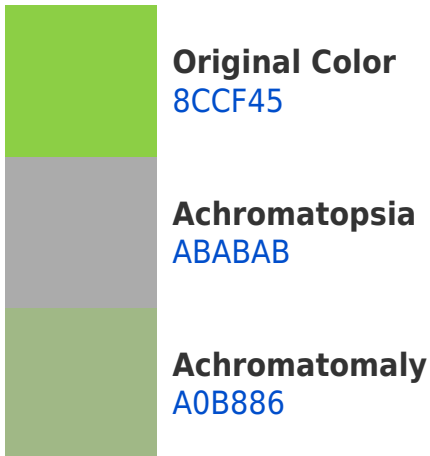


Tritanopia
9FC2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CCF45 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 #8CCF45 looks like.

```
.text, #text, p{  
    color:#8CCF45  
}
```

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 #8CCF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CCF45
}
```

Border

The CSS property to change the border of an element to Hex 8CCF45 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
#8CCF45 }
```

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

```
.border{ border-color:#8CCF45 }
```

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

Here you see how a box with a 4 pixel #8CCF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CCF45; -webkit-box-shadow:4px 4px  
4px 4px #8CCF45; box-shadow:4px 4px 4px  
4px #8CCF45 }
```

Background

The CSS property to change the background color of an element to Hex 8CCF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CCF45 }
```

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

```
.background{ background-color:#8CCF45 }
```

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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