

Converting Colors

Hex(8DC459)

Have a look what the booklet for
Hex(8DC459) contains.

Hex(8DC459)	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(8DC459)

Conversions

Conversions Part 1

Format	Color
Hex	8DC459
RGB	141, 196, 89
RGB Percent	55%, 77%, 35%
CMY	0.4471, 0.2314, 0.6510
CMYK	0.28, 0.00, 0.55, 0.23
HSL	91°, 48%, 56%
HSV	91°, 55%, 77%
XYZ	32.5276, 45.8638, 16.5894
YIQ	167.3570, 1.5670, -44.9370

Conversions

Conversions Part 2

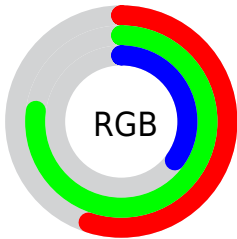
Format	Color
RYB	89, 196, 144
Decimal	9290841
CIELab	73.46, -35.85, 47.42
CIElCh	73, 59.446, 127.095
Yxy	45.8638, 0.3425, 0.4829
Android (android.graphics.Color)	4287480921 (0xFF8DC459)
YUV	167.3570, -38.6300, -23.1151
Hunter-Lab	67.7229, -32.7806, 32.8823

Details

The Hex color **8DC459** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **9059C4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C5FD8E**, and **578E25** is the 20% darker color. If you saturate the color by 10%, you get **83C445**, and if you desaturate by 10%, it is **97C46D**.

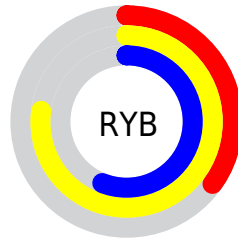
Distribution



Red (55%)

Green (77%)

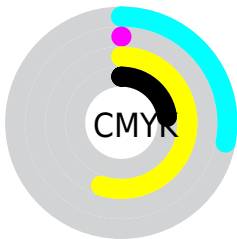
Blue (35%)



Red (35%)

Yellow (77%)

Blue (56%)

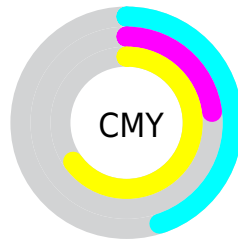


Cyan (28%)

Magenta (0%)

Yellow (55%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8DC459 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 8DC459 by changing the saturation by 10% instead.

 8DC459

 8DC459

FFFFFF

 72A93F

 C5FD8E

 578E25

 E2FFA9

 3C7404

 FFFFC5

 205B00

 FFFFE1

 004300

 002C00

 001400

 000000

 8DC459

 8DC459

 83C445

 97C46D

 79C432

 A1C480

 6FC41E

 ABC494

 65C40B

 B5C4A7

 5FC400

 BFC4BB

 C9C4CF

 D4C4E2

 DEC4F6

 E8C4FF

Harmonies

Analogous

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



C7B641



8DC459



34CC88

Triad

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



8DC459



00C5FF



FF84AA

Complementary

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



8DC459



9059C4

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.



FF8CE0



8DC459



66B6FF

Square

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



8DC459



00CEF5



C9A1FF



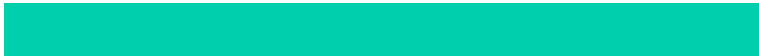
FF8E75

Rectangle

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



8DC459



00CFAD



C9A1FF



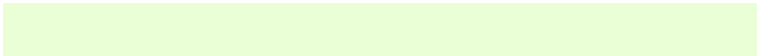
FF85BC

Sweetspot

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



8DC459



EAFD6



C48F59



738067



000000



808080

Same Dimension

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



8DC459



A8FF57



59C459



5C6157



4EA100



102100

Inverse Universe

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



9059C4



AD57FF



C459C4



5C5761



5300A1



110021

Previews

White Background



This preview shows how the Hex color 8DC459 looks on a white background.

Color Contrast Check

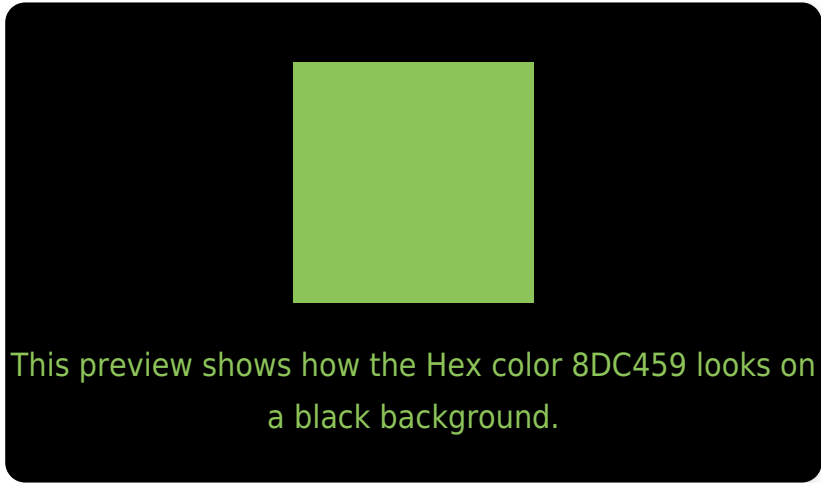
Large Text (above 18pt) WCAG AA × Fail

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 8DC459 Background



This preview shows how black text looks on a background with the Hex color 8DC459.

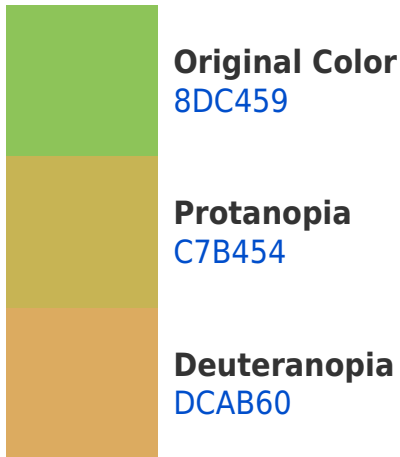


This preview shows how white text looks on a background with the Hex color 8DC459.

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](#).

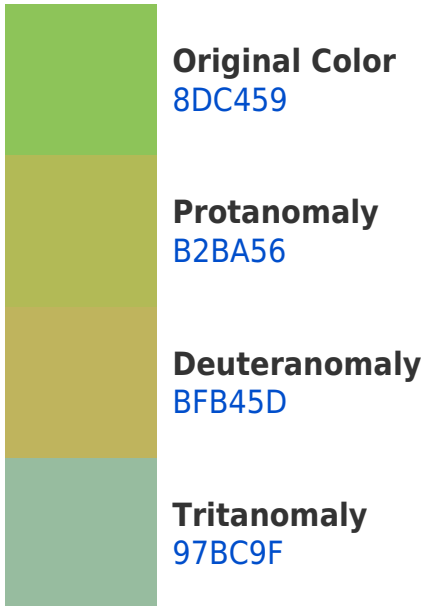
Dichromacy



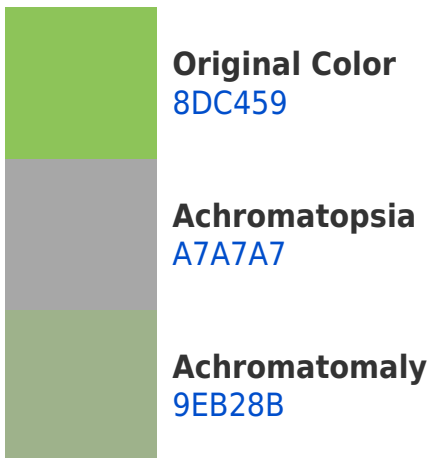


Tritanopia
9DB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8DC459 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 #8DC459 looks like.

```
.text, #text, p{  
    color:#8DC459  
}
```

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 #8DC459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DC459
}
```

Border

The CSS property to change the border of an element to Hex 8DC459 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
#8DC459 }
```

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

```
.border{ border-color:#8DC459 }
```

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

Here you see how a box with a 4 pixel #8DC459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DC459; -webkit-box-shadow:4px 4px  
4px 4px #8DC459; box-shadow:4px 4px 4px  
4px #8DC459 }
```

Background

The CSS property to change the background color of an element to Hex 8DC459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DC459 }
```

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

```
.background{ background-color:#8DC459 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor