

Converting Colors

Hex(84E950)

Have a look what the booklet for
Hex(84E950) contains.

Hex(84E950)	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(84E950)

Conversions

Conversions Part 1

Format	Color
Hex	84E950
RGB	132, 233, 80
RGB Percent	52%, 91%, 31%
CMY	0.4824, 0.0863, 0.6863
CMYK	0.43, 0.00, 0.66, 0.09
HSL	100°, 78%, 61%
HSV	100°, 66%, 91%
XYZ	40.1026, 63.7625, 17.7832
YIQ	185.3590, -11.0830, -68.9950

Conversions

Conversions Part 2

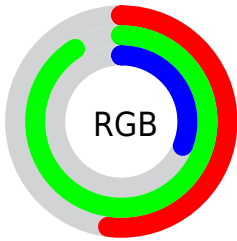
Format	Color
RYB	80, 233, 181
Decimal	8710480
CIELab	83.84, -55.34, 62.82
CIELCh	84, 83.717, 131.378
Yxy	63.7625, 0.3297, 0.5242
Android (android.graphics.Color)	4286900560 (0xFF84E950)
YUV	185.3590, -51.9420, -46.7958
Hunter-Lab	79.8515, -50.0947, 42.6919

Details

The Hex color **84E950** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B550E9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **BFFF88**, and **47B00D** is the 20% darker color. If you saturate the color by 10%, you get **75E939**, and if you desaturate by 10%, it is **93E967**.

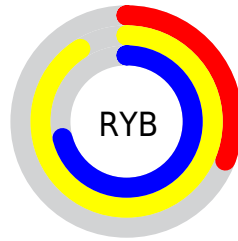
Distribution



Red (52%)

Green (91%)

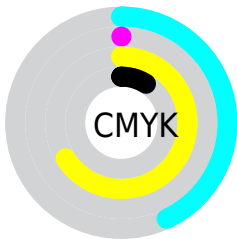
Blue (31%)



Red (31%)

Yellow (91%)

Blue (71%)

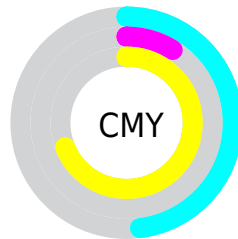


Cyan (43%)

Magenta (0%)

Yellow (66%)

Black (9%)



Cyan (48%)

Magenta (9%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84E950 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 84E950 by changing the saturation by 10% instead.

 84E950

 84E950

FFFFFF

 66CC33

 BFFF88

 47B00D

 DDFFA4

 239500

 FBFFC0

 007B00

 FFFFDD

 006100

 FFFFFA

 004800

 003100

 001600

 000000

 84E950

 84E950

 75E939

 93E967

 65E921

 A3E97F

 56E90A

 B2E996

 4FE900

 C2E9AD

 D1E9C5

 E0E9DC

 F0E9F3

 FFE9FF

Harmonies

Analogous

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



DCD710



84E950



00F39C

Triad

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



84E950



00E7FF



FF83B6

Complementary

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



84E950



B550E9

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.



FF8DFF



84E950



5BD0FF

Square

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



84E950



00F3FF



FBAEFF



FF9A6C

Rectangle

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



84E950



00F6D2



FBAEFF



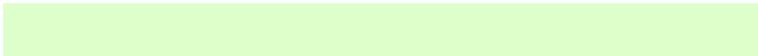
FF82D1

Sweetspot

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



84E950



DFFFC



E9B350



6B8061



000000



808080

Same Dimension

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



84E950



7AFF36



50E967



6E756A



3EB500



123600

Inverse Universe

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



B550E9



BB36FF



E950D2



716A75



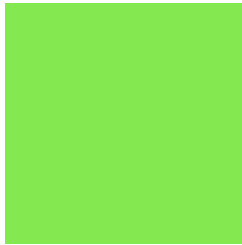
7800B5



230036

Previews

White Background



This preview shows how the Hex color 84E950 looks on a white background.

Color Contrast Check

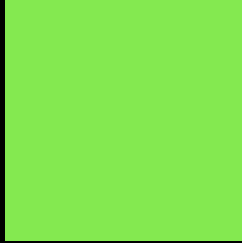
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 84E950 looks on a 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 84E950 Background



This preview shows how black text looks on a background with the Hex color 84E950.

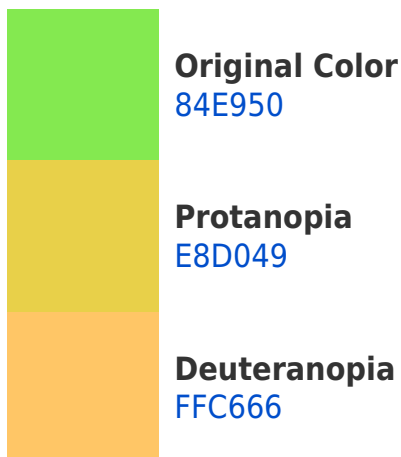


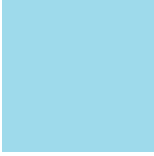
This preview shows how white text looks on a background with the Hex color 84E950.

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](#).

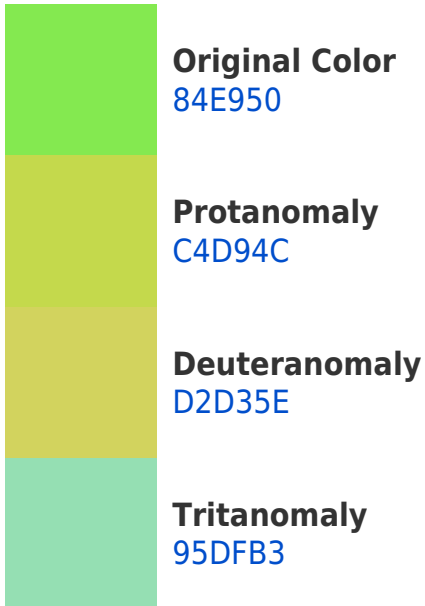
Dichromacy



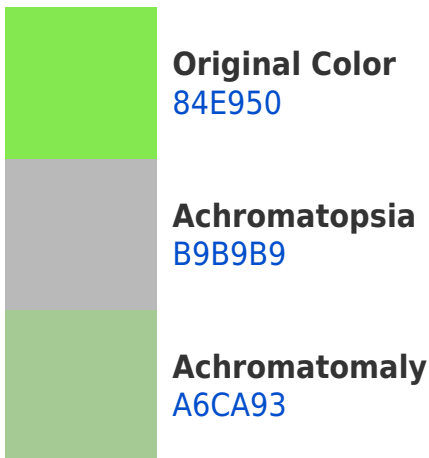


Tritanopia
9EDAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84E950 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 #84E950 looks like.

```
.text, #text, p{  
    color:#84E950  
}
```

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 #84E950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E950
}
```

Border

The CSS property to change the border of an element to Hex 84E950 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
#84E950 }
```

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

```
.border{ border-color:#84E950 }
```

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

Here you see how a box with a 4 pixel #84E950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E950; -webkit-box-shadow:4px 4px  
4px 4px #84E950; box-shadow:4px 4px 4px  
4px #84E950 }
```

Background

The CSS property to change the background color of an element to Hex 84E950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E950 }
```

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

```
.background{ background-color:#84E950 }
```

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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