

Converting Colors

Hex(89E475)

Have a look what the booklet for
Hex(89E475) contains.

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Color

Hex(89E475)

Conversions

Conversions Part 1

Format	Color
Hex	89E475
RGB	137, 228, 117
RGB Percent	54%, 89%, 46%
CMY	0.4627, 0.1059, 0.5412
CMYK	0.40, 0.00, 0.49, 0.11
HSL	109°, 67%, 68%
HSV	109°, 49%, 89%
XYZ	41.2708, 62.0895, 26.6389
YIQ	188.1370, -18.6050, -53.8130

Conversions

Conversions Part 2

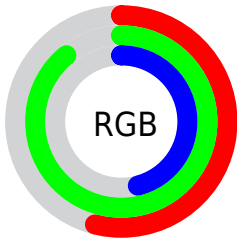
Format	Color
RYB	117, 228, 208
Decimal	9036917
CIELab	82.96, -47.93, 45.53
CIElCh	83, 66.115, 136.471
Yxy	62.0895, 0.3175, 0.4776
Android (android.graphics.Color)	4287226997 (0xFF89E475)
YUV	188.1370, -35.0705, -44.8471
Hunter-Lab	78.7969, -44.4031, 35.1136

Details

The Hex color **89E475** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D075E4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C2FFAB**, and **50AC41** is the 20% darker color. If you saturate the color by 10%, you get **76E45E**, and if you desaturate by 10%, it is **9CE48C**.

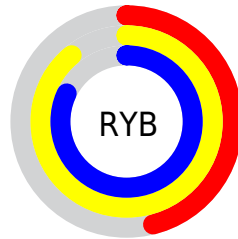
Distribution



Red (54%)

Green (89%)

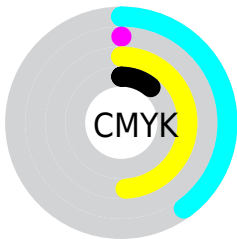
Blue (46%)



Red (46%)

Yellow (89%)

Blue (82%)

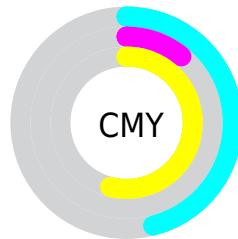


Cyan (40%)

Magenta (0%)

Yellow (49%)

Black (11%)



Cyan (46%)

Magenta (11%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E475 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 89E475 by changing the saturation by 10% instead.

 89E475

 89E475

FFFFFF

 6DC85B

 C2FFAB

 50AC41

 E0FFC7

 329127

 FDFFE3

 077608

 005D00


 004400

 002E00

 001200

 000000

 89E475


 89E475

 76E45E

 9CE48C

 64E447

 AEE4A3

 51E431

 C1E4B9

 3EE41A

 D4E4D0

 2CE403

 E6E4E7

 29E400

 F9E4FE

 FFE4FF

Harmonies

Analogous

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



D0D650



89E475



00ECAE

Triad

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



89E475



00DDFF



FF99AF

Complementary

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



89E475



D075E4

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.



FF9BED



89E475



A0C9FF

Square

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



89E475



00E9FF



FEB0FF



FFAA77

Rectangle

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



89E475



00EDDB



FEB0FF



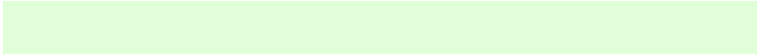
FF97C3

Sweetspot

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



89E475



E0FFD9



E4D075



6D8069



000000



808080

Same Dimension

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



89E475



86FF6B



75E498



697367



20B300



093300

Inverse Universe

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



D075E4



E46BFF



E475C1



716773



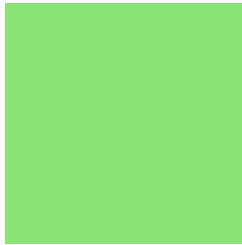
9200B3



2A0033

Previews

White Background



This preview shows how the Hex color 89E475 looks on a white background.

Color Contrast Check

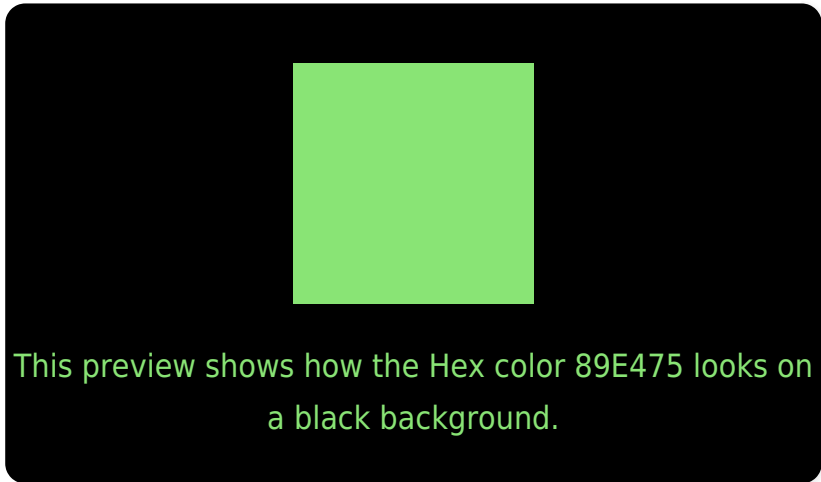
Large Text (above 18pt) WCAG AA × Fail

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 89E475 Background



This preview shows how black text looks on a background with the Hex color 89E475.

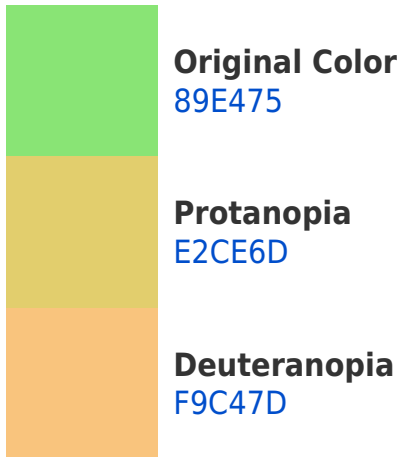


This preview shows how white text looks on a background with the Hex color 89E475.

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](#).

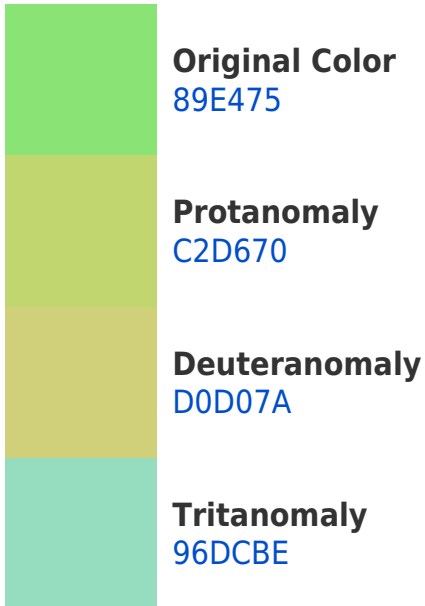
Dichromacy



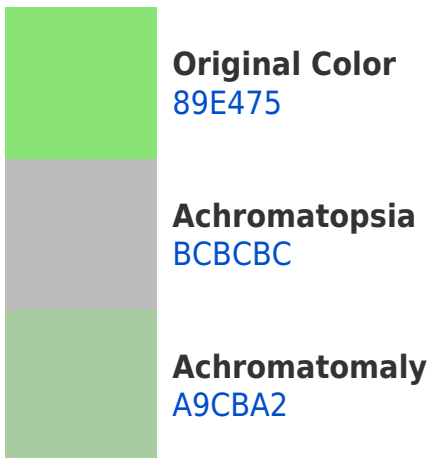


Tritanopia
9ED7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E475 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 #89E475 looks like.

```
.text, #text, p{  
    color:#89E475  
}
```

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 #89E475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E475
}
```

Border

The CSS property to change the border of an element to Hex 89E475 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
#89E475 }
```

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

```
.border{ border-color:#89E475 }
```

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

Here you see how a box with a 4 pixel #89E475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E475; -webkit-box-shadow:4px 4px  
4px 4px #89E475; box-shadow:4px 4px 4px  
4px #89E475 }
```

Background

The CSS property to change the background color of an element to Hex 89E475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E475 }
```

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

```
.background{ background-color:#89E475 }
```

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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