

Converting Colors

Hex(89E115)

Have a look what the booklet for
Hex(89E115) contains.

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Color

Hex(89E115)

Conversions

Conversions Part 1

Format	Color
Hex	89E115
RGB	137, 225, 21
RGB Percent	54%, 88%, 8%
CMY	0.4627, 0.1176, 0.9176
CMYK	0.39, 0.00, 0.91, 0.12
HSL	86°, 83%, 48%
HSV	86°, 91%, 88%
XYZ	37.3771, 59.2229, 10.1707
YIQ	175.4320, 13.0360, -82.1000

Conversions

Conversions Part 2

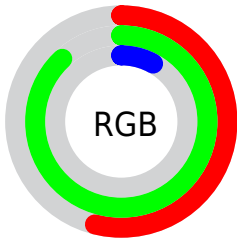
Format	Color
RYB	21, 225, 109
Decimal	9036053
CIELab	81.41, -53.57, 77.21
CIElCh	81, 93.973, 124.754
Yxy	59.2229, 0.3501, 0.5547
Android (android.graphics.Color)	4287226133 (0xFF89E115)
YUV	175.4320, -76.1350, -33.7049
Hunter-Lab	76.9564, -47.9778, 46.0337

Details

The Hex color **89E115** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6D15E1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C5FF5D**, and **4CA900** is the 20% darker color. If you saturate the color by 10%, you get **80E100**, and if you desaturate by 10%, it is **93E12C**.

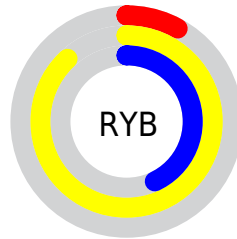
Distribution



Red (54%)

Green (88%)

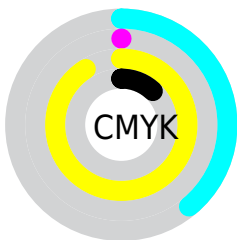
Blue (8%)



Red (8%)

Yellow (88%)

Blue (43%)

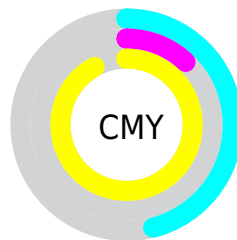


Cyan (39%)

Magenta (0%)

Yellow (91%)

Black (12%)



Cyan (46%)

Magenta (12%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E115 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 89E115 by changing the saturation by 10% instead.

 89E115

 89E115

FFFFFF

 6BC500

 C5FF5D

 4CA900

 E3FF7B

 298E00

 FFFF98

 007400

 FFFFB5

 005A00

 FFFFD2

 004200

 FFFFF0

 002C00

 000A00

 000000

■ 89E115

■ 89E115

■ 80E100

■ 93E12C

■ 9CE142

■ A6E159

■ B0E16F

■ BAE186

■ C3E19C

■ CDE1B3

■ D7E1C9

■ E0E1E0

Harmonies

Analogous

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



E5CB00



89E115



00ED7A

Triad

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



89E115



00E7FF



FF67C0

Complementary

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



89E115



6D15E1

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.



FF7FFF



89E115



00D1FF

Square

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



89E115



00F1FF



DBACFF



FF806B

Rectangle

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



89E115



00F1B7



DBACFF



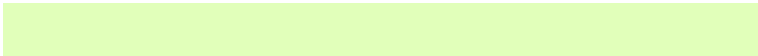
FF6ADE

Sweetspot

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



89E115



E1FFBA



E16A15



6E8057



000000



808080

Same Dimension

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



89E115



91FF00



26E115



6B7065



64B000



1C3000

Inverse Universe

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



6D15E1



6E00FF



D015E1



6A6570



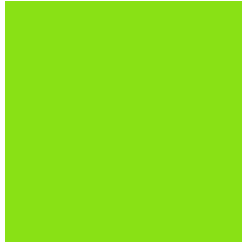
4C00B0



150030

Previews

White Background



This preview shows how the Hex color 89E115 looks on a white background.

Color Contrast Check

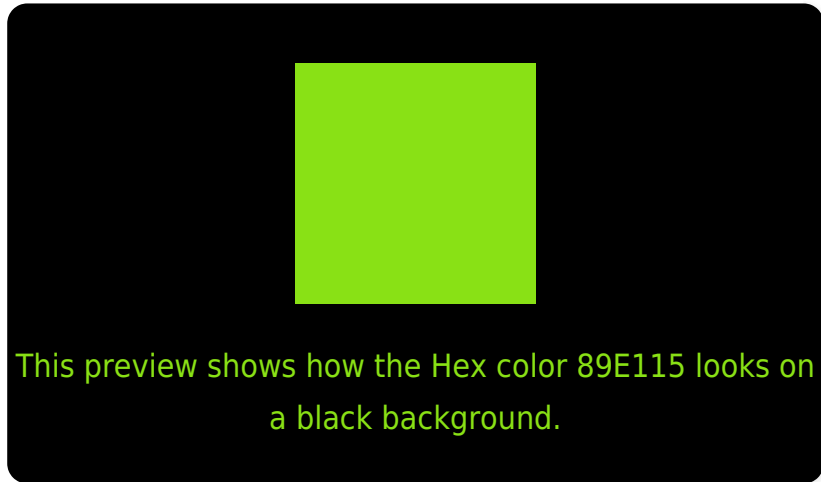
Large Text (above 18pt) WCAG AA × Fail

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 89E115 Background



This preview shows how black text looks on a background with the Hex color 89E115.

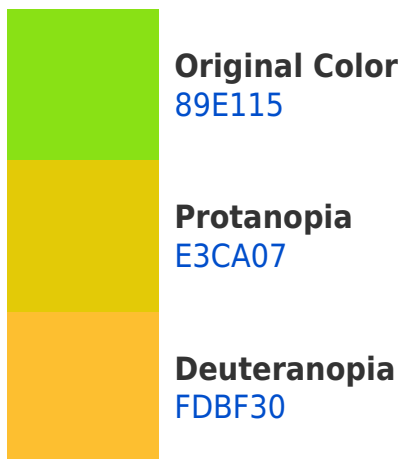


This preview shows how white text looks on a background with the Hex color 89E115.

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
A2D1E2

Trichromacy



Original Color
89E115



Protanomaly
C2D20C



Deuteranomaly
D3CB26



Tritanomaly
99D797

Monochromacy



Original Color
89E115



Achromatopsia
AFAFAF



Achromatomaly
A1C177

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E115 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 #89E115 looks like.

```
.text, #text, p{  
    color:#89E115  
}
```

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 #89E115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E115
}
```

Border

The CSS property to change the border of an element to Hex 89E115 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
#89E115 }
```

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

```
.border{ border-color:#89E115 }
```

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

Here you see how a box with a 4 pixel #89E115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E115; -webkit-box-shadow:4px 4px  
4px 4px #89E115; box-shadow:4px 4px 4px  
4px #89E115 }
```

Background

The CSS property to change the background color of an element to Hex 89E115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E115 }
```

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

```
.background{ background-color:#89E115 }
```

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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