

Converting Colors

Hex(88EA15)

Have a look what the booklet for
Hex(88EA15) contains.

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Color

Hex(88EA15)

Conversions

Conversions Part 1

Format	Color
Hex	88EA15
RGB	136, 234, 21
RGB Percent	53%, 92%, 8%
CMY	0.4667, 0.0824, 0.9176
CMYK	0.42, 0.00, 0.91, 0.08
HSL	88°, 84%, 50%
HSV	88°, 91%, 92%
XYZ	39.7115, 64.1340, 10.9956
YIQ	180.4160, 9.9650, -87.0190

Conversions

Conversions Part 2

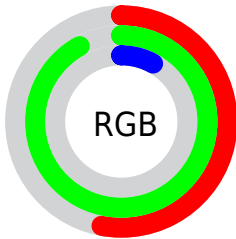
Format	Color
RYB	21, 234, 119
Decimal	8972821
CIELab	84.04, -57.40, 79.34
CIELCh	84, 97.924, 125.883
Yxy	64.1340, 0.3458, 0.5585
Android (android.graphics.Color)	4287162901 (0xFF88EA15)
YUV	180.4160, -78.5921, -38.9528
Hunter-Lab	80.0837, -51.6328, 47.9180

Details

The Hex color **88EA15** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **7715EA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C4FF5F**, and **49B100** is the 20% darker color. If you saturate the color by 10%, you get **7EEA00**, and if you desaturate by 10%, it is **93EA2C**.

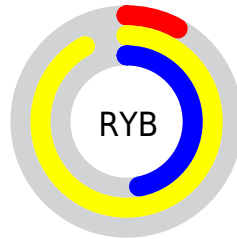
Distribution



Red (53%)

Green (92%)

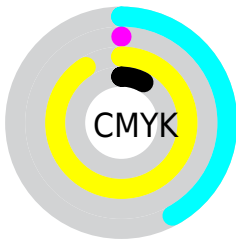
Blue (8%)



Red (8%)

Yellow (92%)

Blue (47%)

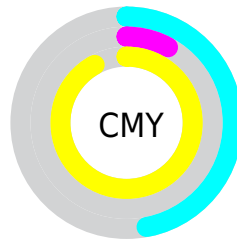


Cyan (42%)

Magenta (0%)

Yellow (91%)

Black (8%)



Cyan (47%)

Magenta (8%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88EA15 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 88EA15 by changing the saturation by 10% instead.

 88EA15

 88EA15

FFFFFF

 69CD00

 C4FF5F

 49B100

 E3FF7D

 239600

 FFFF9A

 007C00

 FFFFB7

 006200

 FFFF5D

 004900


 FFFF33

 003200

 001700

 000000

 88EA15

 88EA15

 7EEA00

 93EA2C

 9EEA44

 A8EA5B

 B3EA73

 BEEA8A

 C9EAA1

 D3EAB9

 DEEAD0

 E9EAE8

Harmonies

Analogous

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



EAD400



88EA15



00F681

Triad

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



88EA15



00EFFF



FF68C3

Complementary

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



88EA15



7715EA

Split Complementary

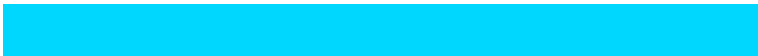
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF81FF



88EA15



00D7FF

Square

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



88EA15



00F9FF



E8B0FF



FF846A

Rectangle

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



88EA15



00FAC1



E8B0FF



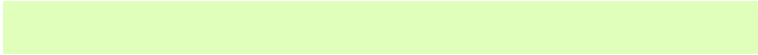
FF6BE2

Sweetspot

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



88EA15



DFFFBA



EA7515



6D8057



000000



808080

Same Dimension

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



88EA15



8AFF00



20EA15



70756A



62B500



1D3600

Inverse Universe

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



7715EA



7500FF



DF15EA



6F6A75



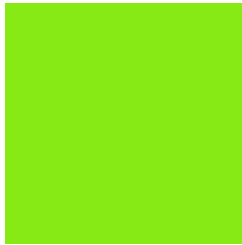
5300B5



190036

Previews

White Background



This preview shows how the Hex color 88EA15 looks on a white background.

Color Contrast Check

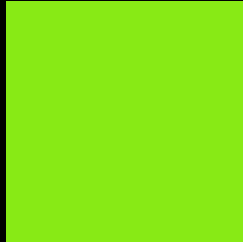
Large Text (above 18pt) WCAG AA × Fail

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 88EA15 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 88EA15 Background



This preview shows how black text looks on a background with the Hex color 88EA15.

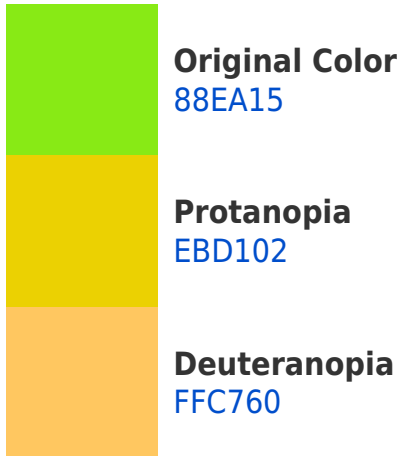


This preview shows how white text looks on a background with the Hex color 88EA15.

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
A3DAEB

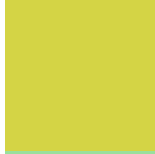
Trichromacy



Original Color
88EA15



Protanomaly
C7DA09



Deuteranomaly
D4D445

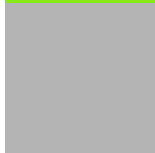


Tritanomaly
99E09D

Monochromacy



Original Color
88EA15



Achromatopsia
B4B4B4



Achromatomaly
A4C87A

CSS Examples

Text

The CSS property to change the color of the text to Hex 88EA15 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 #88EA15 looks like.

```
.text, #text, p{  
    color:#88EA15  
}
```

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 #88EA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88EA15
}
```

Border

The CSS property to change the border of an element to Hex 88EA15 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
#88EA15 }
```

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

```
.border{ border-color:#88EA15 }
```

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

Here you see how a box with a 4 pixel #88EA15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88EA15; -webkit-box-shadow:4px 4px  
4px 4px #88EA15; box-shadow:4px 4px 4px  
4px #88EA15 }
```

Background

The CSS property to change the background color of an element to Hex 88EA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88EA15 }
```

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

```
.background{ background-color:#88EA15 }
```

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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