

Converting Colors

Hex(83E515)

Have a look what the booklet for
Hex(83E515) contains.

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Color

Hex(83E515)

Conversions

Conversions Part 1

Format	Color
Hex	83E515
RGB	131, 229, 21
RGB Percent	51%, 90%, 8%
CMY	0.4863, 0.1020, 0.9176
CMYK	0.43, 0.00, 0.91, 0.10
HSL	88°, 83%, 49%
HSV	88°, 91%, 90%
XYZ	37.5147, 60.9181, 10.4906
YIQ	175.9860, 8.3600, -85.4640

Conversions

Conversions Part 2

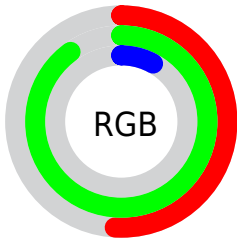
Format	Color
RYB	21, 229, 119
Decimal	8643861
CIELab	82.33, -57.09, 77.86
CIElCh	82, 96.543, 126.251
Yxy	60.9181, 0.3444, 0.5593
Android (android.graphics.Color)	4286833941 (0xFF83E515)
YUV	175.9860, -76.4081, -39.4527
Hunter-Lab	78.0500, -50.7915, 46.6659

Details

The Hex color **83E515** 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 **7715E5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **BFFF5E**, and **44AD00** is the 20% darker color. If you saturate the color by 10%, you get **79E500**, and if you desaturate by 10%, it is **8EE52C**.

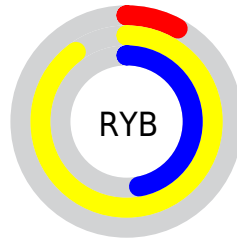
Distribution



Red (51%)

Green (90%)

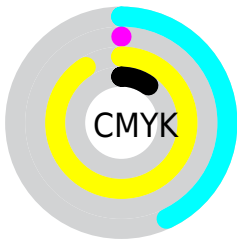
Blue (8%)



Red (8%)

Yellow (90%)

Blue (47%)

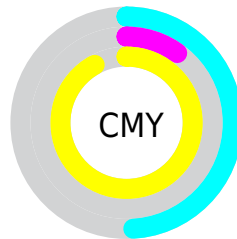


Cyan (43%)

Magenta (0%)

Yellow (91%)

Black (10%)



Cyan (49%)

Magenta (10%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E515 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 83E515 by changing the saturation by 10% instead.

 83E515

 83E515

FFFFFF

 64C900

 BFFF5E

 44AD00

 DDF7B

 1C9100

 FCFF99

 007700

 FFFFB6

 005D00

 FFFFD3

 004400

 FFFFF1

 002E00

 000F00

 000000

■ 83E515

■ 83E515

■ 79E500

■ 8EE52C

■ 99E543

■ A3E55A

■ AEE571

■ B9E587

■ C4E59E

■ CFE5B5

■ D9E5CC

■ E4E5E3

Harmonies

Analogous

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



E4CF00



83E515



00F17F

Triad

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



83E515



00EAFB



FF65BE

Complementary

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



83E515



7715E5

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.



FF7DFF



83E515



00D2FF

Square

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



83E515



00F4FF



E4ABFF



FF8166

Rectangle

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



83E515



00F4BE



E4ABFF



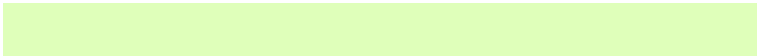
FF67DC

Sweetspot

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



83E515



DFFFBA



E57615



6C8057



000000



808080

Same Dimension

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



83E515



87FF00



1CE515



6D7367



5EB300



1B3300

Inverse Universe

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



7715E5



7800FF



DE15E5



6D6773



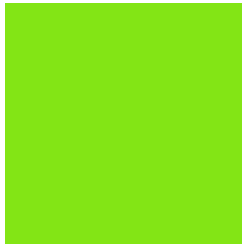
5400B3



180033

Previews

White Background



This preview shows how the Hex color 83E515 looks on a white background.

Color Contrast Check

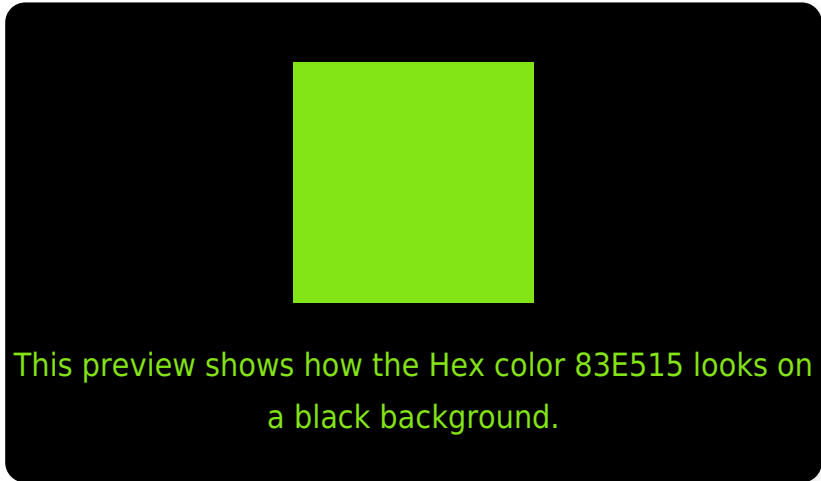
Large Text (above 18pt) WCAG AA × Fail

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 83E515 Background



This preview shows how black text looks on a background with the Hex color 83E515.

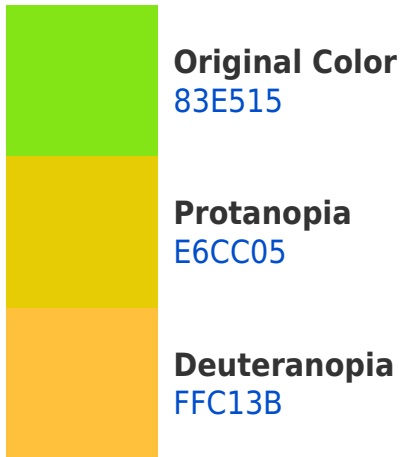


This preview shows how white text looks on a background with the Hex color 83E515.

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
9ED5E6

Trichromacy



Original Color
83E515



Protanomaly
C2D50B



Deuteranomaly
D2CE2D

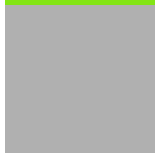


Tritanomaly
94DB9A

Monochromacy



Original Color
83E515



Achromatopsia
B0B0B0



Achromatomaly
A0C378

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E515 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 #83E515 looks like.

```
.text, #text, p{  
    color:#83E515  
}
```

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 #83E515 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E515
}
```

Border

The CSS property to change the border of an element to Hex 83E515 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
#83E515 }
```

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

```
.border{ border-color:#83E515 }
```

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

Here you see how a box with a 4 pixel #83E515 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E515; -webkit-box-shadow:4px 4px  
4px 4px #83E515; box-shadow:4px 4px 4px  
4px #83E515 }
```

Background

The CSS property to change the background color of an element to Hex 83E515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E515 }
```

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

```
.background{ background-color:#83E515 }
```

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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