

Converting Colors

Hex(83A617)

Have a look what the booklet for
Hex(83A617) contains.

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Color

Hex(83A617)

Conversions

Conversions Part 1

Format	Color
Hex	83A617
RGB	131, 166, 23
RGB Percent	51%, 65%, 9%
CMY	0.4863, 0.3490, 0.9098
CMYK	0.21, 0.00, 0.86, 0.35
HSL	75°, 76%, 37%
HSV	75°, 86%, 65%
XYZ	23.1509, 32.1596, 5.7979
YIQ	139.2330, 25.0430, -51.8930

Conversions

Conversions Part 2

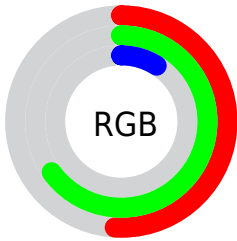
Format	Color
RYB	23, 166, 58
Decimal	8627735
CIELab	63.47, -30.30, 61.78
CIELCh	63, 68.814, 116.128
Yxy	32.1596, 0.3789, 0.5263
Android (android.graphics.Color)	4286817815 (0xFF83A617)
YUV	139.2330, -57.3029, -7.2203
Hunter-Lab	56.7094, -26.3710, 33.6349

Details

The Hex color **83A617** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3A17A6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **BBDD54**, and **4C7200** is the 20% darker color. If you saturate the color by 10%, you get **7FA606**, and if you desaturate by 10%, it is **87A628**.

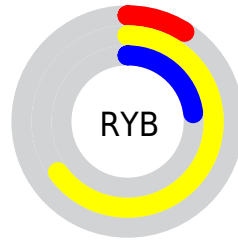
Distribution



Red (51%)

Green (65%)

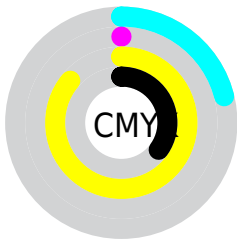
Blue (9%)



Red (9%)

Yellow (65%)

Blue (23%)

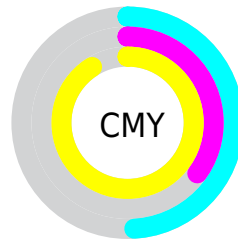


Cyan (21%)

Magenta (0%)

Yellow (86%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A617 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 83A617 by changing the saturation by 10% instead.



83A617



83A617

FFFFFF



678C00



BBDD54



4C7200



D9FA6F



325900



F6FF8B



144200



FFFFA7



002B00



FFFFC3



001400



FFFFE0



000000



FFFFFD



83A617



83A617

 7FA606

 87A628

 7DA600

 8BA638

 8FA649

 93A659

 97A66A

 9BA67B

 9FA68B

 A4A69C

 A8A6AC

Harmonies

Analogous

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



BE9400



83A617



1FB151

Triad

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



83A617



00B1FF



FF5CA4

Complementary

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



83A617



3A17A6

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.



DC70DF



83A617



00A3FF

Square

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



83A617



00B6CE



898DFF



FF6268

Rectangle

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



83A617



00B47A



898DFF



F961B9

Sweetspot

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



83A617



CBD9A0



A63817



656E4C



EDEDED



6E6E6E

Same Dimension

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



83A617



A4D900



3DA617



52544C



709400



0F1400

Inverse Universe

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



3A17A6



3500D9



8017A6



4E4C54



240094



050014

Previews

White Background



This preview shows how the Hex color 83A617 looks on a white background.

Color Contrast Check

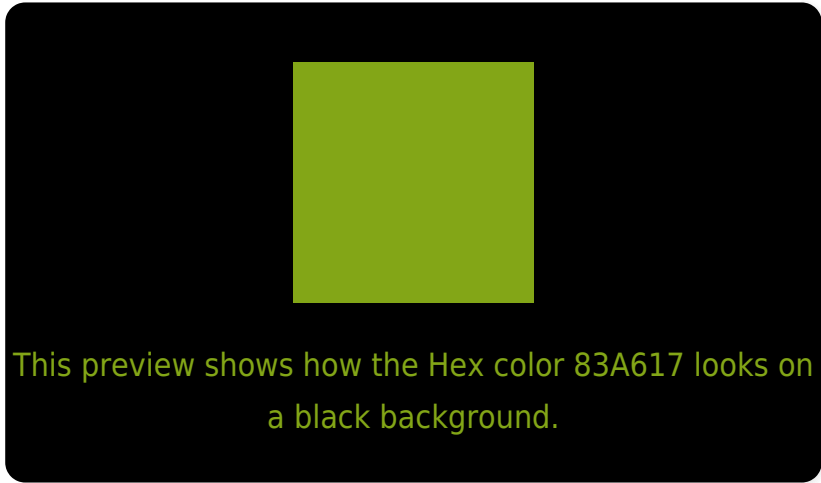
Large Text (above 18pt) WCAG AA × Fail

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 83A617 Background



This preview shows how black text looks on a background with the Hex color 83A617.



This preview shows how white text looks on a background with the Hex color 83A617.

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



Original Color
83A617

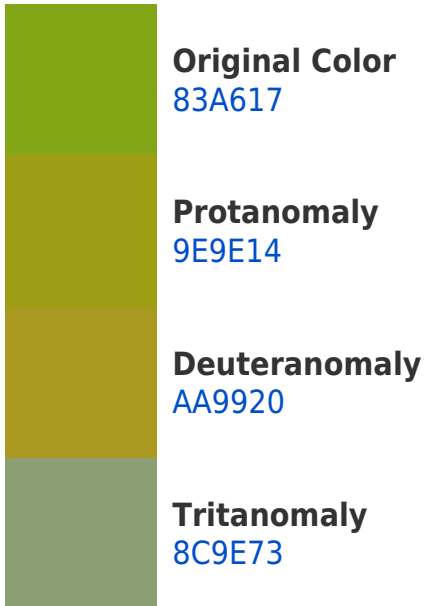
Protanopia
AD9A13

Deuteranopia
C19125

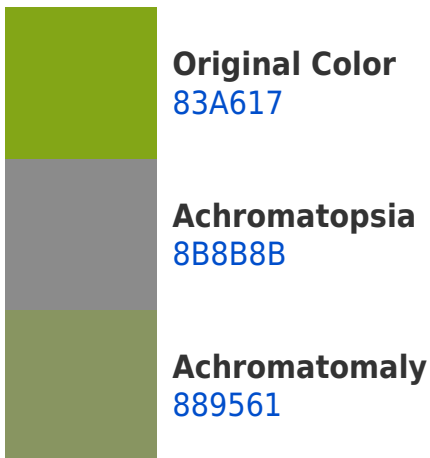


Tritanopia
919AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A617 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 #83A617 looks like.

```
.text, #text, p{  
    color:#83A617  
}
```

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 #83A617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A617
}
```

Border

The CSS property to change the border of an element to Hex 83A617 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
#83A617 }
```

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

```
.border{ border-color:#83A617 }
```

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

Here you see how a box with a 4 pixel #83A617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A617; -webkit-box-shadow:4px 4px  
4px 4px #83A617; box-shadow:4px 4px 4px  
4px #83A617 }
```

Background

The CSS property to change the background color of an element to Hex 83A617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A617 }
```

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

```
.background{ background-color:#83A617 }
```

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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