

Converting Colors

Hex(83AA29)

Have a look what the booklet for
Hex(83AA29) contains.

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Color

Hex(83AA29)

Conversions

Conversions Part 1

Format	Color
Hex	83AA29
RGB	131, 170, 41
RGB Percent	51%, 67%, 16%
CMY	0.4863, 0.3333, 0.8392
CMYK	0.23, 0.00, 0.76, 0.33
HSL	78°, 61%, 41%
HSV	78°, 76%, 67%
XYZ	24.1350, 33.7348, 7.3372
YIQ	143.6330, 18.1650, -48.3870

Conversions

Conversions Part 2

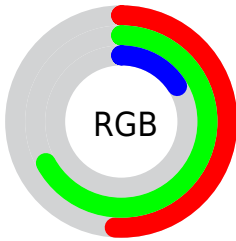
Format	Color
RYB	41, 170, 80
Decimal	8628777
CIELab	64.75, -31.45, 57.84
CIELCh	65, 65.835, 118.532
Yxy	33.7348, 0.3701, 0.5173
Android (android.graphics.Color)	4286818857 (0xFF83AA29)
YUV	143.6330, -50.5981, -11.0791
Hunter-Lab	58.0817, -27.4698, 33.1673

Details

The Hex color **83AA29** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5029AA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **BBE160**, and **4D7600** is the 20% darker color. If you saturate the color by 10%, you get **7EAA18**, and if you desaturate by 10%, it is **88AA3A**.

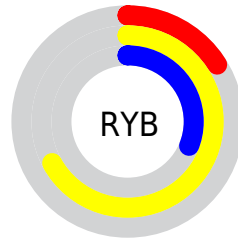
Distribution



Red (51%)

Green (67%)

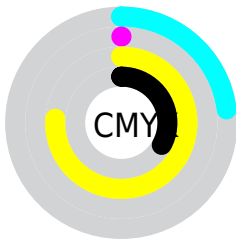
Blue (16%)



Red (16%)

Yellow (67%)

Blue (31%)

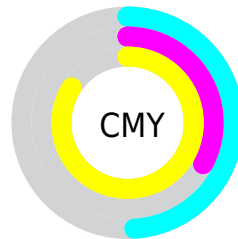


Cyan (23%)

Magenta (0%)

Yellow (76%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83AA29 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 83AA29 by changing the saturation by 10% instead.

 83AA29

 83AA29

FFFFFF

 688F01

 BBE160

 4D7600

 D8FE7B

 325D00

 F5FF97

 154500

 FFFFB3

 002E00

 FFFFCF

 001900

 FFFFEC

 000000

 83AA29

 83AA29

 7EAA18

 88AA3A

■ 79AA07

■ 8DAA4B

■ 77AA00

■ 92AA5C

■ 98AA6D

■ 9DAA7E

■ A2AA8F

■ A7AAA0

■ ACAAB1

■ B1AAC2

Harmonies

Analogous

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



BD9912



83AA29



22B45C

Triad

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



83AA29



00B2FF



FF64A2

Complementary

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



83AA29



5029AA

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.



E174DB



83AA29



00A5FF

Square

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



83AA29



00B8D4



978FFF



FF6B68

Rectangle

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



83AA29



00B784



978FFF



FC67B6

Sweetspot

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



83AA29



CEDEAB



AA5029



677051



F0F0F0



707070

Same Dimension

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



83AA29



A1DE14



43AA29



52544C



679400



0E1400

Inverse Universe

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



5029AA



5114DE



9029AA



4E4C54



2D0094



060014

Previews

White Background



This preview shows how the Hex color 83AA29 looks on a white background.

Color Contrast Check

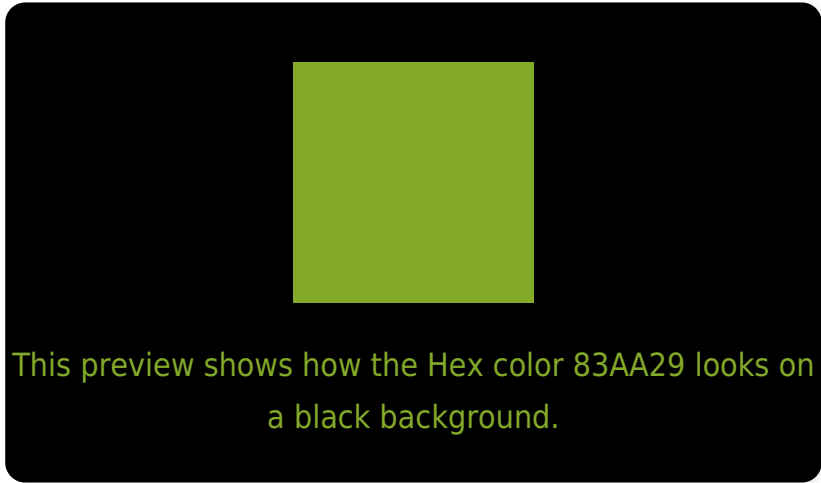
Large Text (above 18pt) WCAG AA × Fail

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 83AA29 Background



This preview shows how black text looks on a background with the Hex color 83AA29.



This preview shows how white text looks on a background with the Hex color 83AA29.

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
83AA29

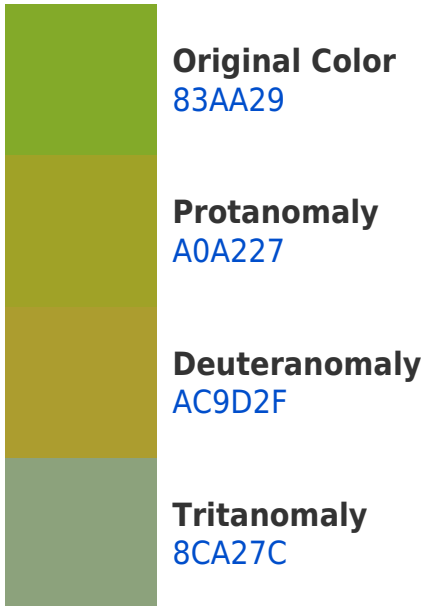
Protanopia
B09D26

Deuteranopia
C49532

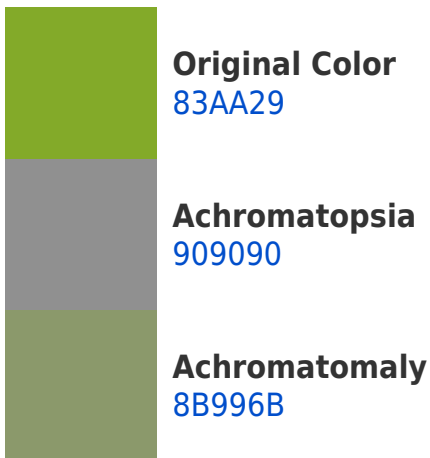


Tritanopia
919EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83AA29 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 #83AA29 looks like.

```
.text, #text, p{  
    color:#83AA29  
}
```

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 #83AA29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83AA29
}
```

Border

The CSS property to change the border of an element to Hex 83AA29 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
#83AA29 }
```

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

```
.border{ border-color:#83AA29 }
```

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

Here you see how a box with a 4 pixel #83AA29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83AA29; -webkit-box-shadow:4px 4px  
4px 4px #83AA29; box-shadow:4px 4px 4px  
4px #83AA29 }
```

Background

The CSS property to change the background color of an element to Hex 83AA29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83AA29 }
```

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

```
.background{ background-color:#83AA29 }
```

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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