

Converting Colors

Hex(83B209)

Have a look what the booklet for
Hex(83B209) contains.

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Color

Hex(83B209)

Conversions

Conversions Part 1

Format	Color
Hex	83B209
RGB	131, 178, 9
RGB Percent	51%, 70%, 4%
CMY	0.4863, 0.3020, 0.9647
CMYK	0.26, 0.00, 0.95, 0.30
HSL	77°, 90%, 37%
HSV	77°, 95%, 70%
XYZ	25.3298, 36.6858, 6.0045
YIQ	144.6810, 26.2370, -62.5230

Conversions

Conversions Part 2

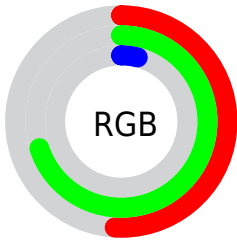
Format	Color
RYB	9, 178, 56
Decimal	8630793
CIELab	67.04, -36.17, 67.05
CIELCh	67, 76.182, 118.347
Yxy	36.6858, 0.3724, 0.5393
Android (android.graphics.Color)	4286820873 (0xFF83B209)
YUV	144.6810, -66.8907, -11.9982
Hunter-Lab	60.5688, -31.3470, 36.5204

Details

The Hex color **83B209** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3809B2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **BCEA50**, and **4B7D00** is the 20% darker color. If you saturate the color by 10%, you get **80B200**, and if you desaturate by 10%, it is **88B21B**.

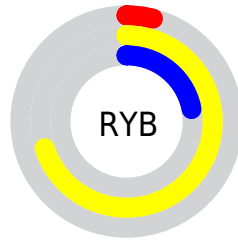
Distribution



Red (51%)

Green (70%)

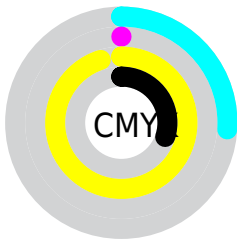
Blue (4%)



Red (4%)

Yellow (70%)

Blue (22%)

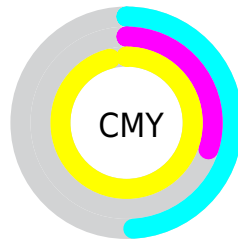


Cyan (26%)

Magenta (0%)

Yellow (95%)

Black (30%)



Cyan (49%)

Magenta (30%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B209 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 83B209 by changing the saturation by 10% instead.



83B209



83B209

FFFFFF



679700



BCEA50



4B7D00



D9FF6C



2F6400



F7FF88



0C4B00



FFFFA4



003400



FFFFC1



002000



FFFFDE



000000



FFFFFC



83B209



83B209

 80B200

 88B21B

 8DB22D

 92B23E

 97B250

 9CB262

 A1B274

 A6B286

 ABB297

 B0B2A9

Harmonies

Analogous

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



C69F00



83B209



00BD56

Triad

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



83B209



00BCFF



FF5AAA

Complementary

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



83B209



3809B2

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.



F171EC



83B209



00ADFF

Square

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



83B209



00C2E3



9893FF



FF6566

Rectangle

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



83B209



00C185



9893FF



FF5FC1

Sweetspot

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



83B209



D6E8A7



B23609



6A754D



F5F5F5



757575

Same Dimension

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



83B209



A8E800



30B209



575950



6E9900



121A00

Inverse Universe

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



3809B2



4100E8



8B09B2



535059



2B0099



07001A

Previews

White Background



This preview shows how the Hex color 83B209 looks on a white background.

Color Contrast Check

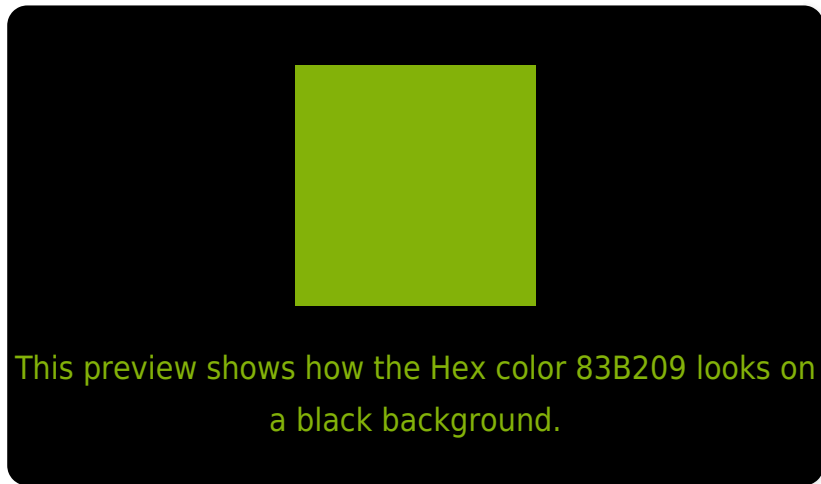
Large Text (above 18pt) WCAG AA × Fail

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 83B209 Background



This preview shows how black text looks on a background with the Hex color 83B209.

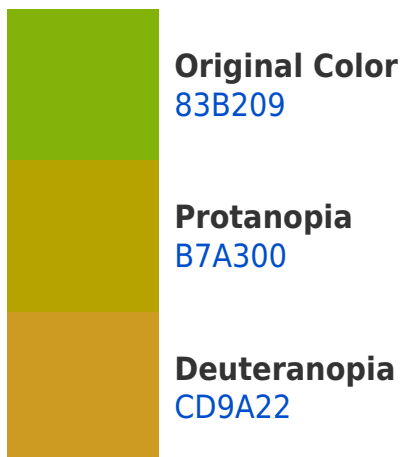


This preview shows how white text looks on a background with the Hex color 83B209.

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](#).

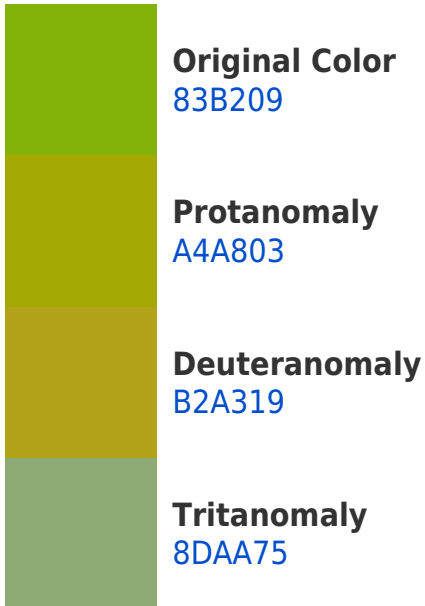
Dichromacy



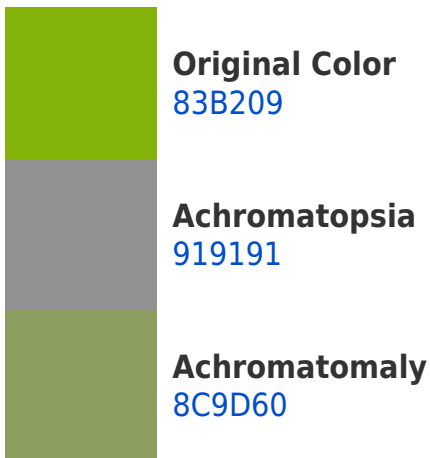


Tritanopia
93A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B209 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 #83B209 looks like.

```
.text, #text, p{  
    color:#83B209  
}
```

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 #83B209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B209
}
```

Border

The CSS property to change the border of an element to Hex 83B209 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
#83B209 }
```

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

```
.border{ border-color:#83B209 }
```

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

Here you see how a box with a 4 pixel #83B209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B209; -webkit-box-shadow:4px 4px  
4px 4px #83B209; box-shadow:4px 4px 4px  
4px #83B209 }
```

Background

The CSS property to change the background color of an element to Hex 83B209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B209 }
```

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

```
.background{ background-color:#83B209 }
```

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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