

Converting Colors

Hex(83C503)

Have a look what the booklet for
Hex(83C503) contains.

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Color

Hex(83C503)

Conversions

Conversions Part 1

Format	Color
Hex	83C503
RGB	131, 197, 3
RGB Percent	51%, 77%, 1%
CMY	0.4863, 0.2275, 0.9882
CMYK	0.34, 0.00, 0.98, 0.23
HSL	80°, 97%, 39%
HSV	80°, 98%, 77%
XYZ	29.3428, 44.7644, 7.1800
YIQ	155.1500, 22.9380, -74.3260

Conversions

Conversions Part 2

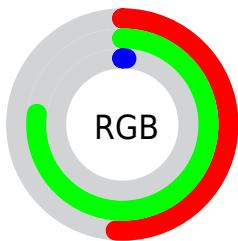
Format	Color
RYB	3, 197, 69
Decimal	8635651
CIELab	72.74, -44.56, 72.19
CIELCh	73, 84.836, 121.683
Yxy	44.7644, 0.3610, 0.5507
Android (android.graphics.Color)	4286825731 (0xFF83C503)
YUV	155.1500, -75.0100, -21.1796
Hunter-Lab	66.9062, -38.8018, 40.4716

Details

The Hex color **83C503** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4503C5**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BDFE52**, and **498F00** is the 20% darker color. If you saturate the color by 10%, you get **82C500**, and if you desaturate by 10%, it is **8AC517**.

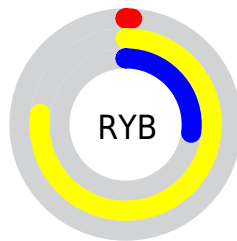
Distribution



Red (51%)

Green (77%)

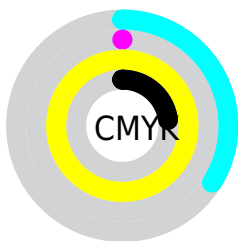
Blue (1%)



Red (1%)

Yellow (77%)

Blue (27%)

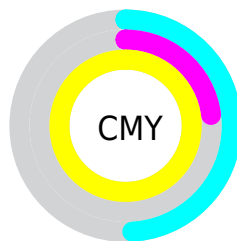


Cyan (34%)

Magenta (0%)

Yellow (98%)

Black (23%)



Cyan (49%)

Magenta (23%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C503 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 83C503 by changing the saturation by 10% instead.

 83C503

 83C503

FFFFFF

 66A900

 BDFE52

 498F00

 DBFF6F

 2A7500

 F9FF8C

 005B00

 FFFFA8

 004300

 FFFFC5

 002D00

 FFFFE3

 001100

 000000

 83C503

 83C503

■ 82C500

■ 8AC517

■ 90C52A

■ 97C53E

■ 9EC552

■ A5C566

■ ABC579

■ B2C58D

■ B9C5A1

■ BFC5B4

Harmonies

Analogous

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



D2B100



83C503



00D064

Triad

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



83C503



00CFFF



FF5CB1

Complementary

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



83C503



4503C5

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.



FF75FE



83C503



00BBFF

Square

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



83C503



00D5FF



B49CFF



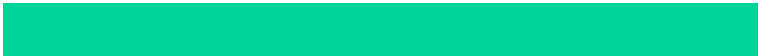
FF6D66

Rectangle

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



83C503



00D49A



B49CFF



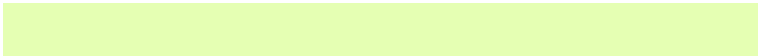
FF60CC

Sweetspot

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



83C503



E5FFB3



C54403



708052



000000



808080

Same Dimension

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



83C503



A8FF00



23C503



60635A



6CA300



182400

Inverse Universe

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



4503C5



5700FF



A503C5



5D5A63



3800A3



0C0024

Previews

White Background



This preview shows how the Hex color 83C503 looks on a white background.

Color Contrast Check

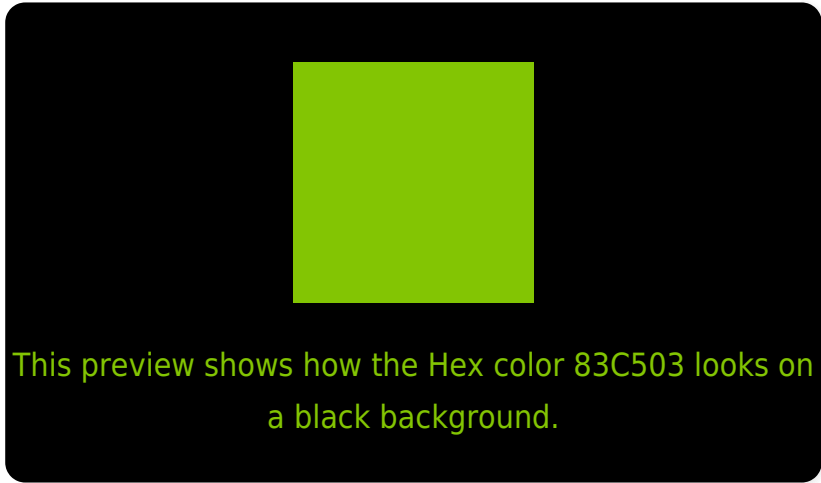
Large Text (above 18pt) WCAG AA × Fail

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 83C503 Background



This preview shows how black text looks on a background with the Hex color 83C503.

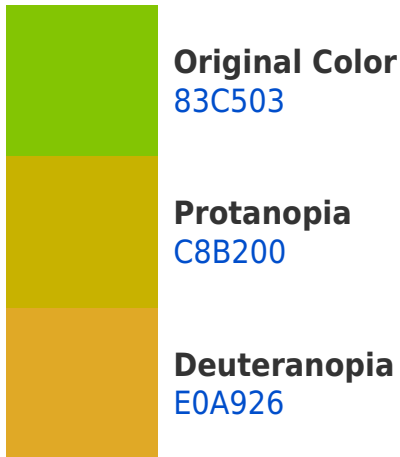


This preview shows how white text looks on a background with the Hex color 83C503.

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](#).

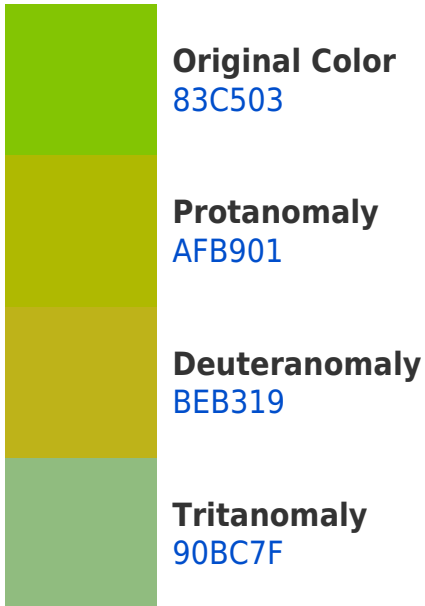
Dichromacy





Tritanopia
97B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C503 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 #83C503 looks like.

```
.text, #text, p{  
    color:#83C503  
}
```

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 #83C503 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C503
}
```

Border

The CSS property to change the border of an element to Hex 83C503 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
#83C503 }
```

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

```
.border{ border-color:#83C503 }
```

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

Here you see how a box with a 4 pixel #83C503 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C503; -webkit-box-shadow:4px 4px  
4px 4px #83C503; box-shadow:4px 4px 4px  
4px #83C503 }
```

Background

The CSS property to change the background color of an element to Hex 83C503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C503 }
```

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

```
.background{ background-color:#83C503 }
```

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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