

# Converting Colors

Hex(83B95A)

Have a look what the booklet for  
Hex(83B95A) contains.

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**Color**

**Hex(83B95A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B95A
RGB	131, 185, 90
RGB Percent	51%, 73%, 35%
CMY	0.4863, 0.2745, 0.6471
CMYK	0.29, 0.00, 0.51, 0.27
HSL	94°, 40%, 54%
HSV	94°, 51%, 73%
XYZ	28.5545, 40.2614, 15.9391
YIQ	158.0240, -1.6890, -40.9930

# Conversions

## Conversions Part 2

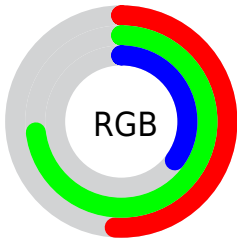
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 185, 144
Decimal	8632666
CIELab	69.66, -34.33, 42.28
CIELCh	70, 54.459, 129.078
Yxy	40.2614, 0.3369, 0.4750
Android (android.graphics.Color)	4286822746 (0xFF83B95A)
YUV	158.0240, -33.5358, -23.7000
Hunter-Lab	63.4519, -30.7125, 29.5227

# Details

The Hex color **83B95A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **905AB9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BAF18E**, and **4E8328** is the 20% darker color. If you saturate the color by 10%, you get **78B948**, and if you desaturate by 10%, it is **8EB96D**.

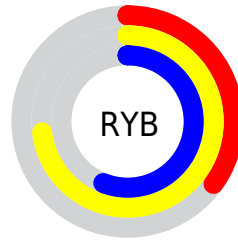
# Distribution



Red (51%)

Green (73%)

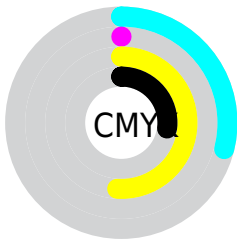
Blue (35%)



Red (35%)

Yellow (73%)

Blue (56%)

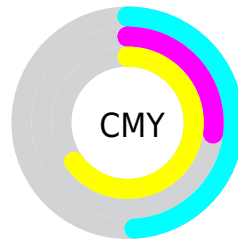


Cyan (29%)

Magenta (0%)

Yellow (51%)

Black (27%)



Cyan (49%)

Magenta (27%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83B95A 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 83B95A by changing the saturation by 10% instead.



 83B95A

 83B95A

FFFFFF

 689E41

 BAF18E

 4E8328

 D7FFA9

 346A0B

 F4FFC5

 185100

 FFFFE1

 003A00

FFFFFFE

 002500

 000000

 83B95A

 83B95A

 78B948

 8EB96D

 6EB935

 98B97F

 63B923

 A3B992

 59B910

 ADB9A4

 50B900

 B8B9B7

 C2B9C9

 CDB9DC

 D7B9EE

 E2B9FF

# Harmonies

## Analogous

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



B8AC43



83B95A



33C085

# Triad

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



83B95A



00B9FF



FF7F9D

# Complementary

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



83B95A



905AB9

# Split Complementary

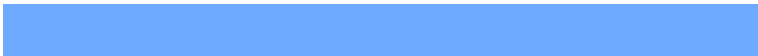
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F285CF



83B95A



6EAAFF

# Square

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



83B95A



00C1E7



C197F7



FF896E

# Rectangle

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



83B95A



00C3A7



C197F7



FF7FAE



# Sweetspot

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



83B95A



DBF0CC



B9905A



6C7862



F7F7F7



787878



# Same Dimension

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



83B95A



9BF05B



5AB960



575C53



439C00



0C1C00



# Inverse Universe

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



905AB9



B05BF0



B95AB3



58535C



58009C



10001C



# Previews

## White Background



This preview shows how the Hex color 83B95A looks on a white background.

## Color Contrast Check

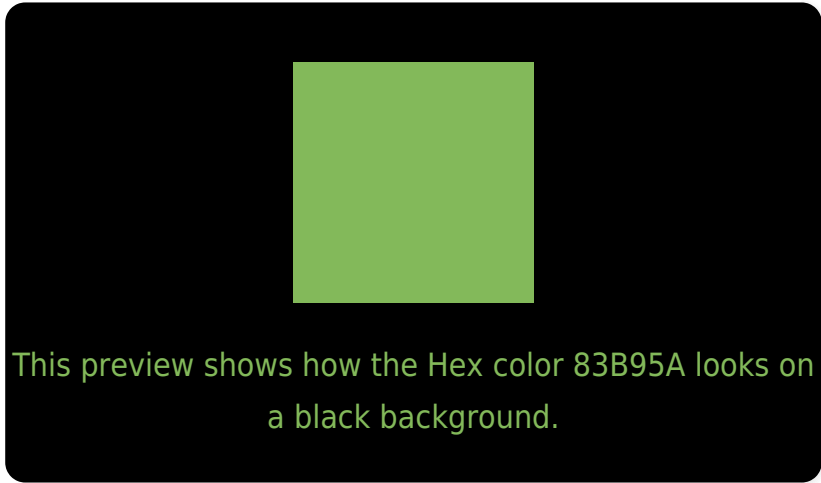
Large Text (above 18pt) WCAG AA × Fail

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

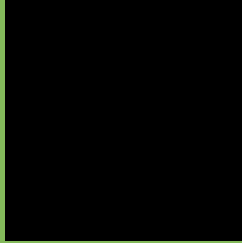
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83B95A Background



This preview shows how black text looks on a background with the Hex color 83B95A.



This preview shows how white text looks on a background with the Hex color 83B95A.

# 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**  
83B95A

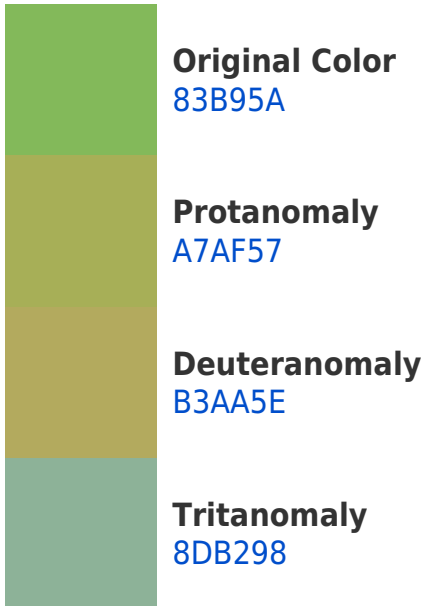
**Protanopia**  
BBAA55

**Deuteranopia**  
CFA260

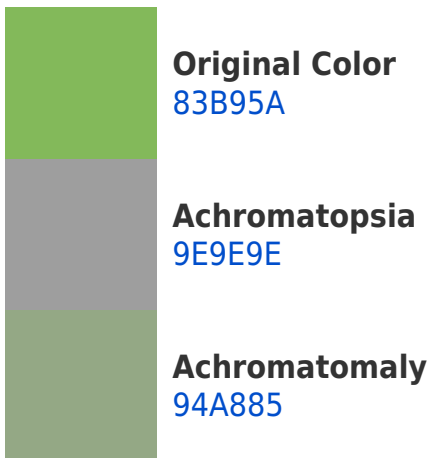


**Tritanopia**  
92AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83B95A 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 #83B95A looks like.

```
.text, #text, p{  
    color:#83B95A  
}
```

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 #83B95A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B95A
}
```

## Border

The CSS property to change the border of an element to Hex 83B95A 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
#83B95A }
```

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

```
.border{ border-color:#83B95A }
```

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

Here you see how a box with a 4 pixel #83B95A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B95A; -webkit-box-shadow:4px 4px  
4px 4px #83B95A; box-shadow:4px 4px 4px  
4px #83B95A }
```

# Background

The CSS property to change the background color of an element to Hex 83B95A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B95A }
```

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

```
.background{ background-color:#83B95A }
```

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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