

Converting Colors

Hex(83CF95)

Have a look what the booklet for
Hex(83CF95) contains.

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Color

Hex(83CF95)

Conversions

Conversions Part 1

Format	Color
Hex	83CF95
RGB	131, 207, 149
RGB Percent	51%, 81%, 58%
CMY	0.4863, 0.1882, 0.4157
CMYK	0.37, 0.00, 0.28, 0.19
HSL	134°, 44%, 66%
HSV	134°, 37%, 81%
XYZ	37.0977, 51.6209, 36.4423
YIQ	177.6640, -26.6780, -34.1500

Conversions

Conversions Part 2

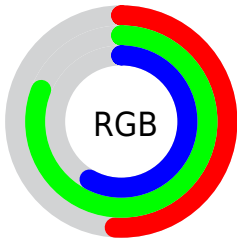
Format	Color
RYB	131, 192, 207
Decimal	8638357
CIELab	77.05, -35.69, 21.58
CIElCh	77, 41.705, 148.844
Yxy	51.6209, 0.2964, 0.4124
Android (android.graphics.Color)	4286828437 (0xFF83CF95)
YUV	177.6640, -14.1314, -40.9243
Hunter-Lab	71.8477, -33.5670, 20.2205

Details

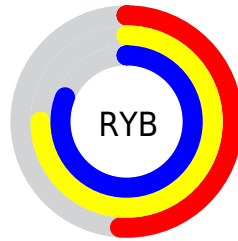
The Hex color **83CF95** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF83BD**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BAFFCB**, and **4D9862** is the 20% darker color. If you saturate the color by 10%, you get **6ECF85**, and if you desaturate by 10%, it is **98CFA5**.

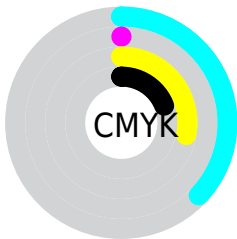
Distribution



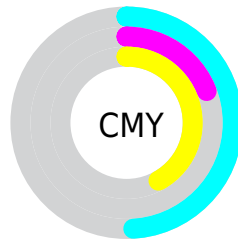
- Red (51%)
- Green (81%)
- Blue (58%)



- Red (51%)
- Yellow (75%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83CF95 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 83CF95 by changing the saturation by 10% instead.

 83CF95

 83CF95

FFFFFF

 68B37B

 BAFFCB

 4D9862

 D7FFE8

 327E4A

 F4FFFF

 146433

 004C1D

 003405

 002000

 000000

 83CF95

 83CF95

 6ECF85

 98CFA5

 5ACF75

 ACCFB5

 45CF66

 C1CFC4

 30CF56

 D6CFD4

 1BCF46

 EBCFE4

 07CF36

 FFCFF4

 00CF31

 FFCFFF

Harmonies

Analogous

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



B1C779



83CF95



4DD3BB

Triad

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



83CF95



83C2FF



FFA39B

Complementary

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



83CF95



CF83BD

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.



FFA0C1



83CF95



C0B5FF

Square

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



83CF95



39CDFE



EDA7E7



F8AE7D

Rectangle

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



83CF95



20D3D6



EDA7E7



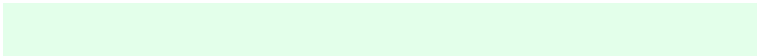
FFA1A7

Sweetspot

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



83CF95



E3FFEA



BDCF83



6F8073



000000



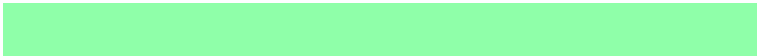
808080

Same Dimension

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



83CF95



8FFFA9



83CFBB



5E6961



00A828



00290A

Inverse Universe

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



CF83BD



FF8FE4



CF8397



695E66



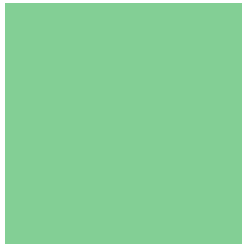
A80080



29001F

Previews

White Background



This preview shows how the Hex color 83CF95 looks on a white background.

Color Contrast Check

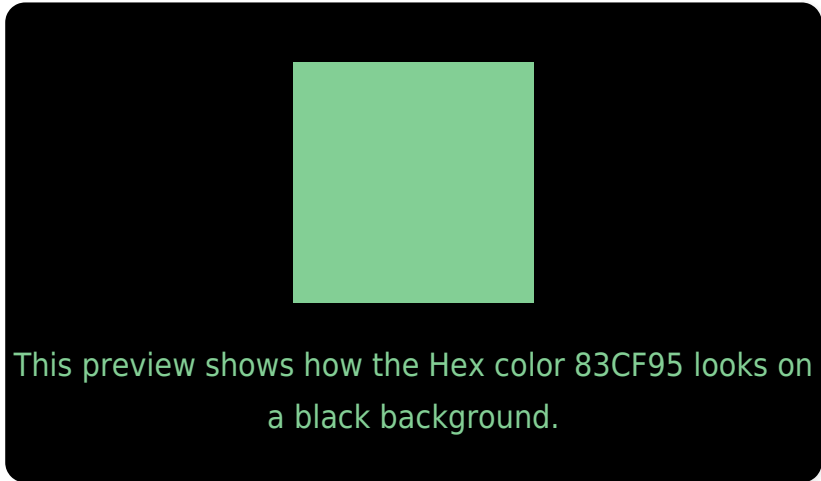
Large Text (above 18pt) WCAG AA × Fail

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

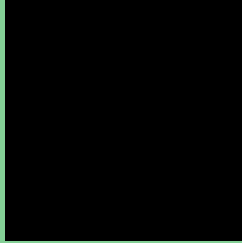
Any Text WCAG AA ✓ Pass

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 83CF95 Background



This preview shows how black text looks on a background with the Hex color 83CF95.

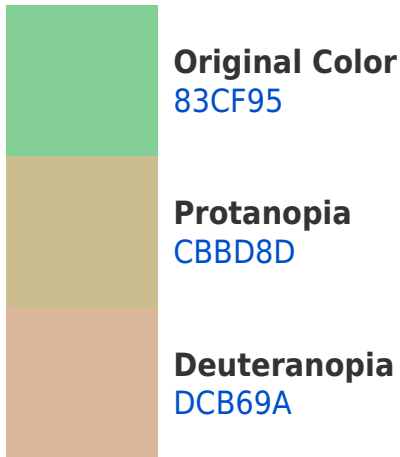


This preview shows how white text looks on a background with the Hex color 83CF95.

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](#).

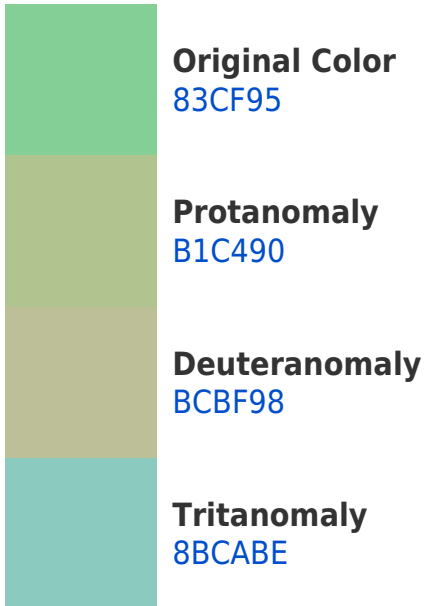
Dichromacy



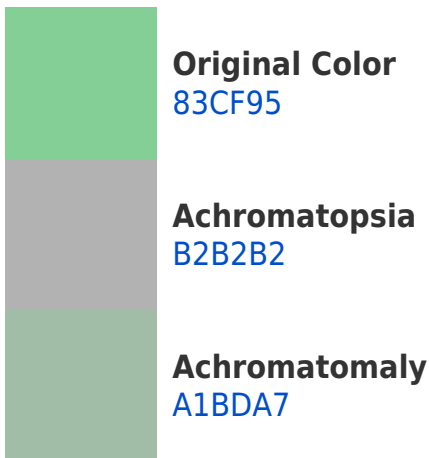


Tritanopia
90C7D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83CF95 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 #83CF95 looks like.

```
.text, #text, p{  
    color:#83CF95  
}
```

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 #83CF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83CF95
}
```

Border

The CSS property to change the border of an element to Hex 83CF95 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
#83CF95 }
```

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

```
.border{ border-color:#83CF95 }
```

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

Here you see how a box with a 4 pixel #83CF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83CF95; -webkit-box-shadow:4px 4px  
4px 4px #83CF95; box-shadow:4px 4px 4px  
4px #83CF95 }
```

Background

The CSS property to change the background color of an element to Hex 83CF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83CF95 }
```

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

```
.background{ background-color:#83CF95 }
```

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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