

Converting Colors

Hex(83BF91)

Have a look what the booklet for
Hex(83BF91) contains.

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Color

Hex(83BF91)

Conversions

Conversions Part 1

Format	Color
Hex	83BF91
RGB	131, 191, 145
RGB Percent	51%, 75%, 57%
CMY	0.4863, 0.2510, 0.4314
CMYK	0.31, 0.00, 0.24, 0.25
HSL	134°, 32%, 63%
HSV	134°, 31%, 75%
XYZ	33.1017, 44.1312, 33.5616
YIQ	167.8160, -20.9940, -27.0260

Conversions

Conversions Part 2

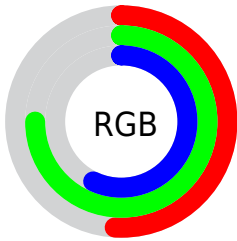
Format	Color
RYB	131, 180, 191
Decimal	8634257
CIELab	72.32, -28.89, 17.17
CIElCh	72, 33.607, 149.279
Yxy	44.1312, 0.2988, 0.3983
Android (android.graphics.Color)	4286824337 (0xFF83BF91)
YUV	167.8160, -11.2483, -32.2876
Hunter-Lab	66.4313, -27.3111, 16.5482

Details

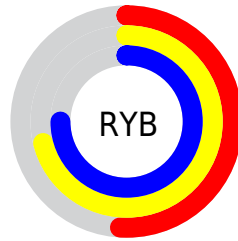
The Hex color **83BF91** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF83B1**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B9F8C7**, and **4F895E** is the 20% darker color. If you saturate the color by 10%, you get **70BF82**, and if you desaturate by 10%, it is **96BFA0**.

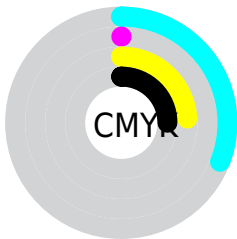
Distribution



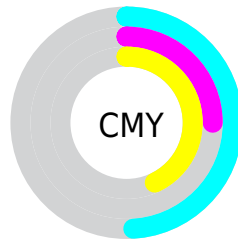
- Red (51%)
- Green (75%)
- Blue (57%)



- Red (51%)
- Yellow (71%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83BF91 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 83BF91 by changing the saturation by 10% instead.

 83BF91

 83BF91

FFFFFF

 69A477

 B9F8C7

 4F895E

 D6FFE3


 366F47

 F2FFFF

 1C5730

 003F1A

 002801

 000F00

 000000

 83BF91

 83BF91

 70BF82

 96BFA0

 5DBF74

 A9BFAE

 4ABF65

 BCBFBD

 37BF56

 CFBFCC

 23BF48

 E3BFDA

 10BF39

 F6BFE9

 00BF2D

 FFBFF8

 FFBFFF

Harmonies

Analogous

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



A7B97B



83BF91



5FC2AF

Triad

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



83BF91



87B4EE



ED9C95

Complementary

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



83BF91



BF83B1

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.



EB9AB3



83BF91



B4AAE7

Square

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



83BF91



5ABDE5



D8A0D1



E0A57D

Rectangle

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



83BF91



4CC2C5



D8A0D1



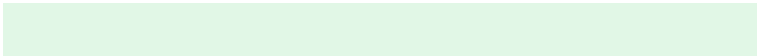
EE9B9F

Sweetspot

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



83BF91



E1F7E6



B1BF83



6F7D72



FCFCFC



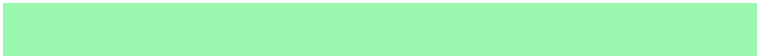
7D7D7D

Same Dimension

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



83BF91



99F7AF



83BFAF



555E57



009E25



001F07

Inverse Universe

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



BF83B1



F799E1



BF8393



5E555C



9E0079



1F0017

Previews

White Background



This preview shows how the Hex color 83BF91 looks on a white background.

Color Contrast Check

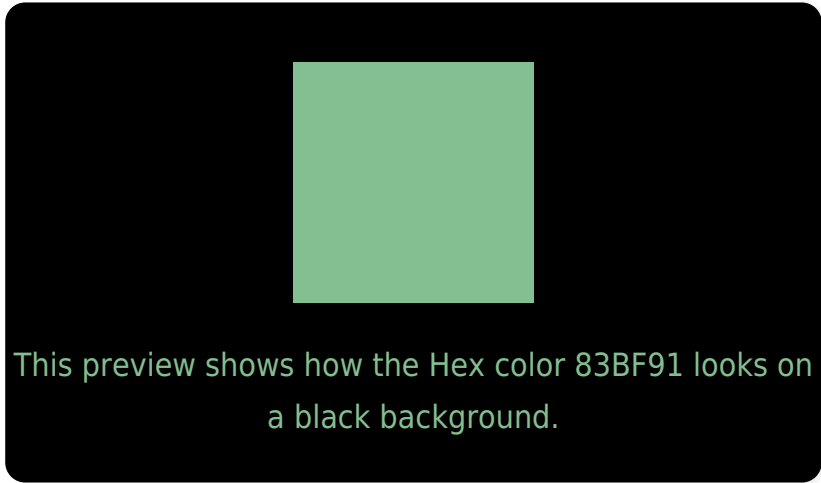
Large Text (above 18pt) WCAG AA × Fail

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

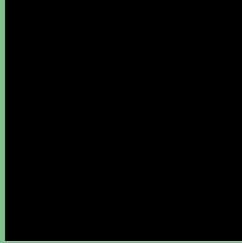
Any Text WCAG AA ✓ Pass

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 83BF91 Background



This preview shows how black text looks on a background with the Hex color 83BF91.

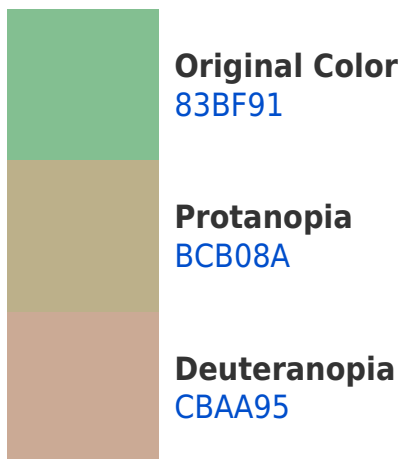


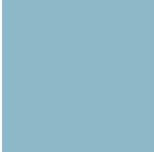
This preview shows how white text looks on a background with the Hex color 83BF91.

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](#).

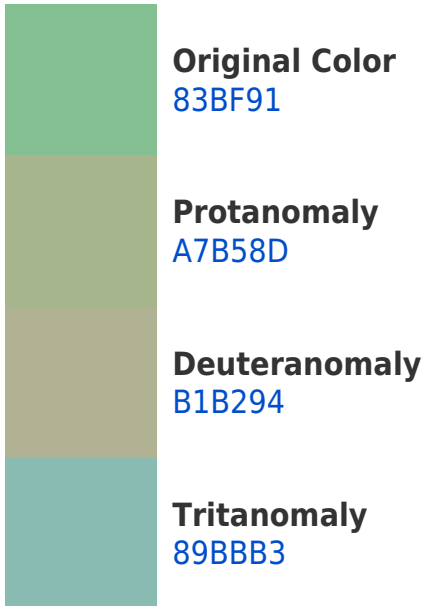
Dichromacy



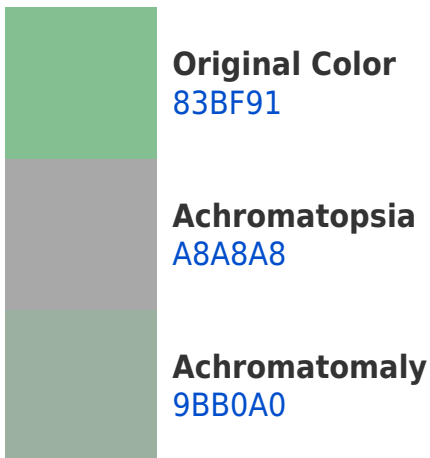


Tritanopia
8DB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83BF91 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 #83BF91 looks like.

```
.text, #text, p{  
    color:#83BF91  
}
```

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 #83BF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BF91
}
```

Border

The CSS property to change the border of an element to Hex 83BF91 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
#83BF91 }
```

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

```
.border{ border-color:#83BF91 }
```

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

Here you see how a box with a 4 pixel #83BF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BF91; -webkit-box-shadow:4px 4px  
4px 4px #83BF91; box-shadow:4px 4px 4px  
4px #83BF91 }
```

Background

The CSS property to change the background color of an element to Hex 83BF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BF91 }
```

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

```
.background{ background-color:#83BF91 }
```

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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