

Converting Colors

Hex(83EA91)

Have a look what the booklet for
Hex(83EA91) contains.

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Color

Hex(83EA91)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83EA91 |
| RGB | 131, 234, 145 |
| RGB Percent | 51%, 92%, 57% |
| CMY | 0.4863, 0.0824, 0.4314 |
| CMYK | 0.44, 0.00, 0.38, 0.08 |
| HSL | 128°, 71%, 72% |
| HSV | 128°, 44%, 92% |
| XYZ | 43.8937, 65.7153, 37.1589 |
| YIQ | 193.0570, -32.8190, -49.5150 |

Conversions

Conversions Part 2

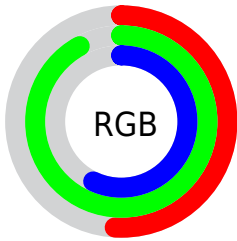
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 222, 234 |
| Decimal | 8645265 |
| CIELab | 84.85, -48.22, 34.12 |
| CIElCh | 85, 59.072, 144.723 |
| Yxy | 65.7153, 0.2991, 0.4477 |
| Android (android.graphics.Color) | 4286835345 (0xFF83EA91) |
| YUV | 193.0570, -23.6921, -54.4240 |
| Hunter-Lab | 81.0650, -45.2124, 29.5678 |

Details

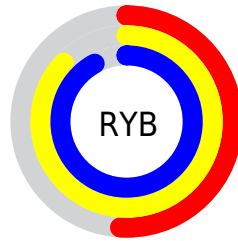
The Hex color **83EA91** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA83DC**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **BCFFC8**, and **49B15D** is the 20% darker color. If you saturate the color by 10%, you get **6CEA7D**, and if you desaturate by 10%, it is **9AEAA5**.

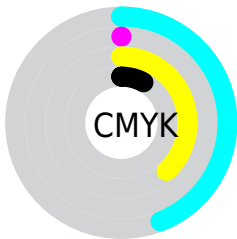
Distribution



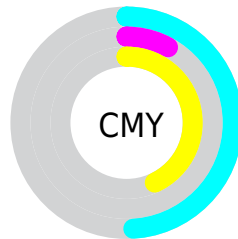
- Red (51%)
- Green (92%)
- Blue (57%)



- Red (51%)
- Yellow (87%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83EA91 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 83EA91 by changing the saturation by 10% instead.

 83EA91

 83EA91

FFFFFF

 67CD77

 BCFFC8

 49B15D

 DAFFE4

 299645

 F7FFFF

 007C2D

 006214

 004900

 003200

 001A00

 000000

 83EA91

 83EA91

 6CEA7D

 9AEAA5

 54EA69

 B2EAB9

 3DEA54

 C9EACE

 25EA40

 E1EAE2

 0EEA2C

 F8EAF6

 00EA20

 FFEAFF

Harmonies

Analogous

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



C7DF6A



83EA91



00F0C8

Triad

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



83EA91



52DDFF



FFA8A8

Complementary

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



83EA91



EA83DC

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.



FFA6E0



83EA91



C8C9FF

Square

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



83EA91



00EAFF



FFB4FF



FFB97A

Rectangle

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



83EA91



00F0EE



FFB4FF



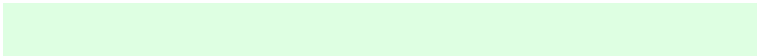
FFA6BA

Sweetspot

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



83EA91



DEFFE2



DCEA83



6B806E



000000



808080

Same Dimension

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



83EA91



78FF8A



83EAC4



6A756B



00B519



003607

Inverse Universe

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



EA83DC



FF78ED



EA83A9



756A74



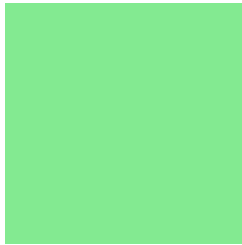
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 83EA91 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



This preview shows how the Hex color 83EA91 looks on a 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 83EA91 Background



This preview shows how black text looks on a background with the Hex color 83EA91.

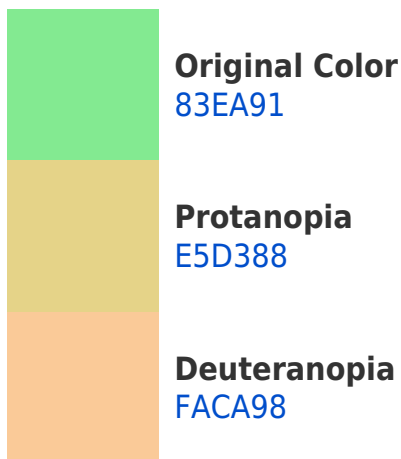


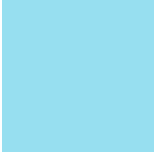
This preview shows how white text looks on a background with the Hex color 83EA91.

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](#).

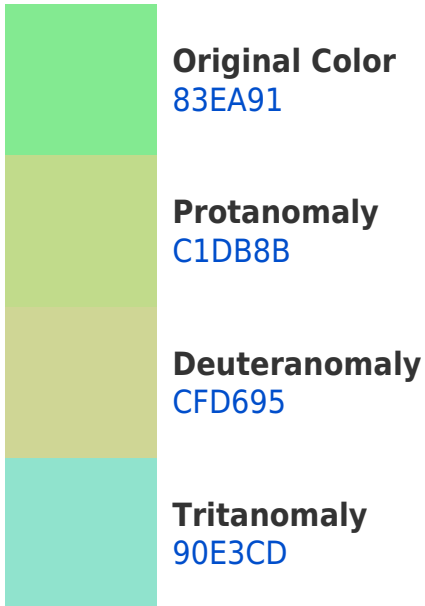
Dichromacy



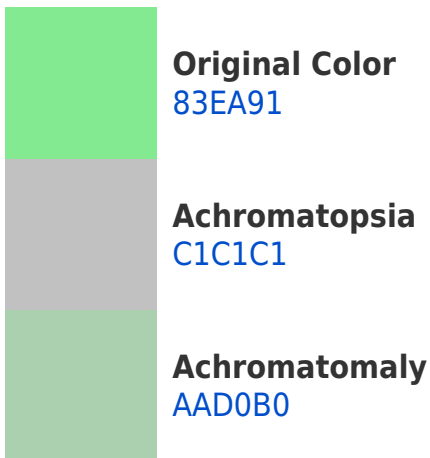


Tritanopia
97DFF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83EA91 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 #83EA91 looks like.

```
.text, #text, p{  
    color:#83EA91  
}
```

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 #83EA91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83EA91
}
```

Border

The CSS property to change the border of an element to Hex 83EA91 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
#83EA91 }
```

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

```
.border{ border-color:#83EA91 }
```

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

Here you see how a box with a 4 pixel #83EA91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83EA91; -webkit-box-shadow:4px 4px  
4px 4px #83EA91; box-shadow:4px 4px 4px  
4px #83EA91 }
```

Background

The CSS property to change the background color of an element to Hex 83EA91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83EA91 }
```

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

```
.background{ background-color:#83EA91 }
```

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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