

Converting Colors

Hex(83EB95)

Have a look what the booklet for
Hex(83EB95) contains.

Hex(83EB95)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83EB95)

Conversions

Conversions Part 1

Format	Color
Hex	83EB95
RGB	131, 235, 149
RGB Percent	51%, 92%, 58%
CMY	0.4863, 0.0784, 0.4157
CMYK	0.44, 0.00, 0.37, 0.08
HSL	130°, 72%, 72%
HSV	130°, 44%, 92%
XYZ	44.4932, 66.4119, 38.9075
YIQ	194.1000, -34.3780, -48.7940

Conversions

Conversions Part 2

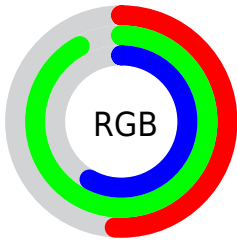
Format	Color
RYB	131, 220, 235
Decimal	8645525
CIELab	85.21, -48.00, 32.57
CIELCh	85, 58.010, 145.844
Yxy	66.4119, 0.2970, 0.4433
Android (android.graphics.Color)	4286835605 (0xFF83EB95)
YUV	194.1000, -22.2343, -55.3387
Hunter-Lab	81.4935, -45.1575, 28.7386

Details

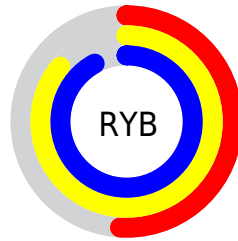
The Hex color **83EB95** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EB83D9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **BCFFCC**, and **49B261** is the 20% darker color. If you saturate the color by 10%, you get **6BEB82**, and if you desaturate by 10%, it is **9AEB8**.

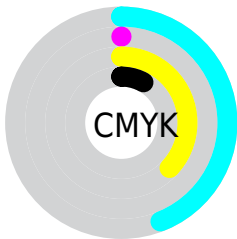
Distribution



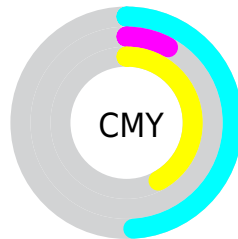
- Red (51%)
- Green (92%)
- Blue (58%)



- Red (51%)
- Yellow (86%)
- Blue (92%)



- Cyan (44%)
- Magenta (0%)
- Yellow (37%)
- Black (8%)



- Cyan (49%)
- Magenta (8%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83EB95 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 83EB95 by changing the saturation by 10% instead.

 83EB95

FFFFFF

 BCFFCC

 DAFFE8

 F7FFFF

 83EB95

 66CE7B

 49B261

 299749

 007D31

 006319

 004A00

 003200

 001B00

 000000

 83EB95

 83EB95

 6BEB82

 9AEBA8

 54EB6E

 B2EBBC

 3CEB5B

 CAEBCF

 25EB47

 E1EBE3

 0EEB34

 F9EBF6

 00EB29

 FFEbff

Harmonies

Analogous

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



C6E06E



83EB95



00F0CB

Triad

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



83EB95



5FDDFF



FFABA8

Complementary

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



83EB95



EB83D9

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.



FFA8DF



83EB95



CDC9FF

Square

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



83EB95



00EAFF



FFB5FF



FFBB7B

Rectangle

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



83EB95



00F1F1



FFB5FF



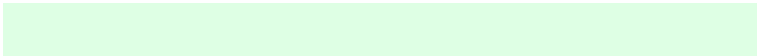
FFA8BA

Sweetspot

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



83EB95



DEFFE4



DAEB83



6B806F



000000



808080

Same Dimension

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



83EB95



78FF8F



83EBC8



6A756C



00B51F



003609

Inverse Universe

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



EB83D9



FF78E8



EB83A6



756A73



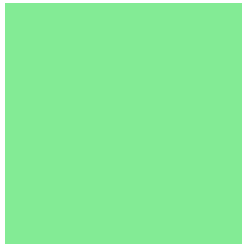
B50096



36002C

Previews

White Background



This preview shows how the Hex color 83EB95 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 83EB95 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 83EB95 Background



This preview shows how black text looks on a background with the Hex color 83EB95.

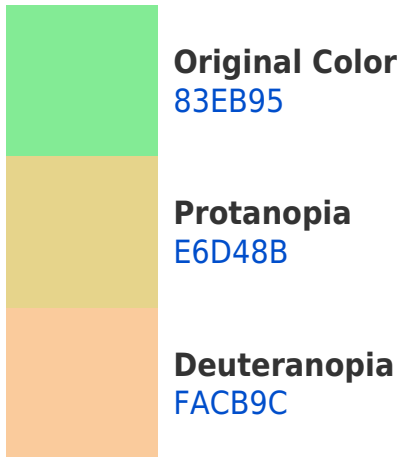


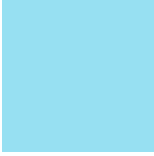
This preview shows how white text looks on a background with the Hex color 83EB95.

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
97E0F2

Trichromacy



Original Color
83EB95



Protanomaly
C2DC8F



Deuteranomaly
CFD799



Tritanomaly
90E4D0

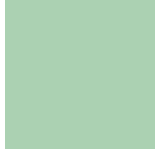
Monochromacy



Original Color
83EB95



Achromatopsia
C2C2C2



Achromatomaly
ABD1B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 83EB95 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 #83EB95 looks like.

```
.text, #text, p{  
    color:#83EB95  
}
```

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 #83EB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83EB95
}
```

Border

The CSS property to change the border of an element to Hex 83EB95 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
#83EB95 }
```

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

```
.border{ border-color:#83EB95 }
```

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

Here you see how a box with a 4 pixel #83EB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83EB95; -webkit-box-shadow:4px 4px  
4px 4px #83EB95; box-shadow:4px 4px 4px  
4px #83EB95 }
```

Background

The CSS property to change the background color of an element to Hex 83EB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83EB95 }
```

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

```
.background{ background-color:#83EB95 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor