

# Converting Colors

Hex(83E692)

Have a look what the booklet for  
Hex(83E692) contains.

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**Color**

**Hex(83E692)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83E692
RGB	131, 230, 146
RGB Percent	51%, 90%, 57%
CMY	0.4863, 0.0980, 0.4275
CMYK	0.43, 0.00, 0.37, 0.10
HSL	129°, 66%, 71%
HSV	129°, 43%, 90%
XYZ	42.8452, 63.4942, 37.1916
YIQ	190.8230, -32.0400, -47.1120

# Conversions

## Conversions Part 2

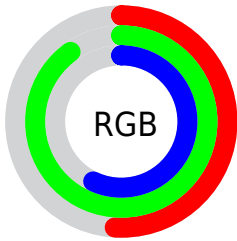
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 217, 230</a>
Decimal	<a href="#">8644242</a>
CIELab	<a href="#">83.70, -46.37, 32.09</a>
CIElCh	<a href="#">84, 56.396, 145.314</a>
Yxy	<a href="#">63.4942, 0.2985, 0.4424</a>
Android (android.graphics.Color)	<a href="#">4286834322</a> <a href="#">(0xFF83E692)</a>
YUV	<a href="#">190.8230, -22.0977, -52.4648</a>
Hunter-Lab	<a href="#">79.6833, -43.4674, 28.1051</a>

# Details

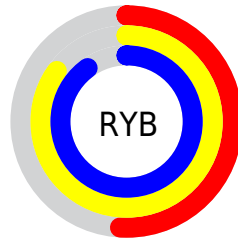
The Hex color **83E692** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E683D7**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BCFFC9**, and **4AAE5E** is the 20% darker color. If you saturate the color by 10%, you get **6CE67E**, and if you desaturate by 10%, it is **9AE6A6**.

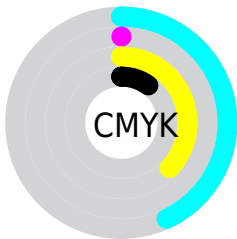
# Distribution



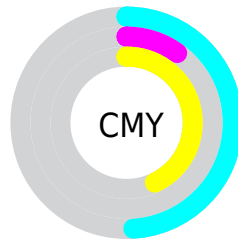
- Red (51%)
- Green (90%)
- Blue (57%)



- Red (51%)
- Yellow (85%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (37%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83E692 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 83E692 by changing the saturation by 10% instead.



 83E692

 83E692

FFFFFF

 67CA78

 BCFFC9

 4AAE5E

 D9FFE5

 2B9346

 F7FFFF

 00782E

 005F16

 004600

 002F00

 001500

 000000

 83E692

 83E692

 6CE67E

 9AE6A6

 55E66B

 B1E6B9

 3EE657

 C8E6CD

 27E644

 DFE6E0

 10E630

 F6E6F4

 00E623

 FFE6FF

# Harmonies

## Analogous

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



C3DB6D



83E692



00EBC6

# Triad

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



83E692



5ED9FF



FFA8A6

# Complementary

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



83E692



E683D7

# 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.



FFA5DB



83E692



C8C6FF

# Square

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



83E692



00E5FF



FFB2FF



FFB87B

# Rectangle

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



83E692



00ECEB



FFB2FF



FFA5B7

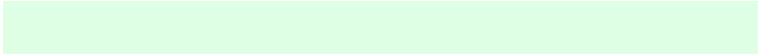


# Sweetspot

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



83E692



DEFFE3



D7E683



6B806E



000000



808080



# Same Dimension

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



83E692



7AFF8E



83E6C3



677369



00B31B



003308



# Inverse Universe

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



E683D7



FF7AEB



E683A6



736771



B30097

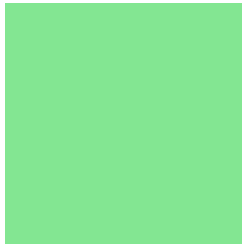


33002B



# Previews

## White Background



This preview shows how the Hex color 83E692 looks on a white background.

## Color Contrast Check

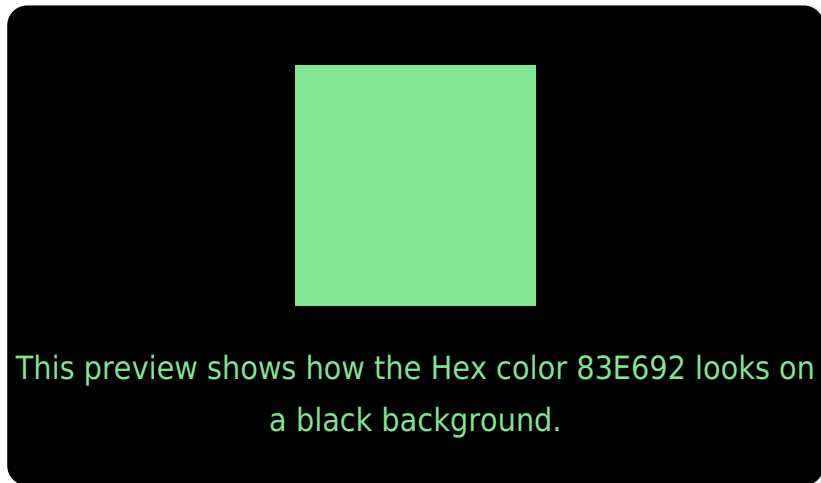
Large Text (above 18pt) WCAG AA × Fail

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

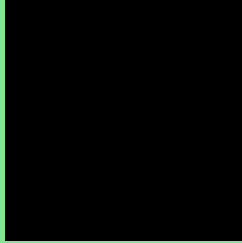
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83E692 Background



This preview shows how black text looks on a background with the Hex color 83E692.

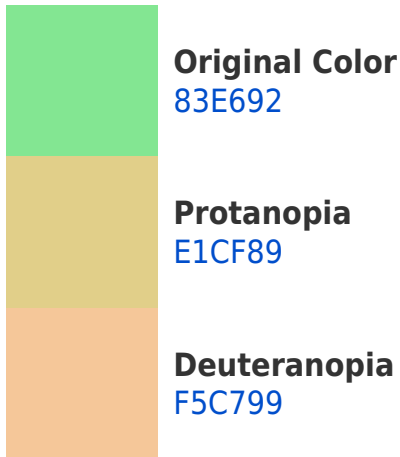


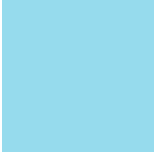
This preview shows how white text looks on a background with the Hex color 83E692.

# 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



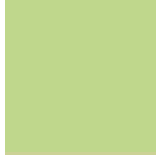


**Tritanopia**  
96DBED

# Trichromacy



**Original Color**  
83E692



**Protanomaly**  
BFD78C



**Deuteranomaly**  
CCD296



**Tritanomaly**  
8FDFCC

# Monochromacy



**Original Color**  
83E692



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
A9CDAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83E692 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 #83E692 looks like.

```
.text, #text, p{  
    color:#83E692  
}
```

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 #83E692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E692
}
```

## Border

The CSS property to change the border of an element to Hex 83E692 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
#83E692 }
```

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

```
.border{ border-color:#83E692 }
```

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

Here you see how a box with a 4 pixel #83E692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E692; -webkit-box-shadow:4px 4px  
4px 4px #83E692; box-shadow:4px 4px 4px  
4px #83E692 }
```

# Background

The CSS property to change the background color of an element to Hex 83E692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E692 }
```

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

```
.background{ background-color:#83E692 }
```

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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