

Converting Colors

Hex(83E488)

Have a look what the booklet for
Hex(83E488) contains.

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Color

Hex(83E488)

Conversions

Conversions Part 1

Format	Color
Hex	83E488
RGB	131, 228, 136
RGB Percent	51%, 89%, 53%
CMY	0.4863, 0.1059, 0.4667
CMYK	0.43, 0.00, 0.40, 0.11
HSL	123°, 64%, 70%
HSV	123°, 43%, 89%
XYZ	41.5474, 62.0897, 33.0873
YIQ	188.5090, -28.2800, -49.1760

Conversions

Conversions Part 2

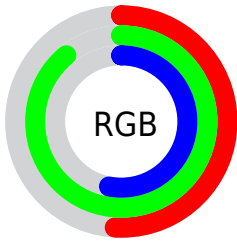
Format	Color
RYB	131, 223, 228
Decimal	8643720
CIELab	82.96, -47.09, 36.16
CIElCh	83, 59.374, 142.479
Yxy	62.0897, 0.3039, 0.4541
Android (android.graphics.Color)	4286833800 (0xFF83E488)
YUV	188.5090, -25.8869, -50.4354
Hunter-Lab	78.7970, -43.7768, 30.2617

Details

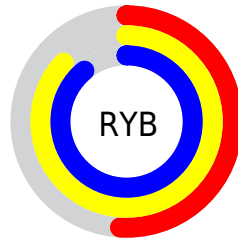
The Hex color **83E488** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E483DF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BCFFBE**, and **4AAC55** is the 20% darker color. If you saturate the color by 10%, you get **6CE472**, and if you desaturate by 10%, it is **9AE49E**.

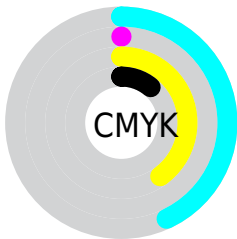
Distribution



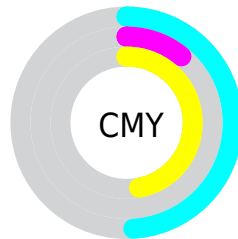
- Red (51%)
- Green (89%)
- Blue (53%)



- Red (51%)
- Yellow (87%)
- Blue (89%)



- Cyan (43%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (49%)
- Magenta (11%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83E488 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 83E488 by changing the saturation by 10% instead.

 83E488

 83E488

FFFFFF

 67C86E

 BCFFBE

 4AAC55

 D9FFDA

 2B913C

 F7FFF7

 007624

 005D09

 004400

 002E00

 001200

 000000

 83E488

 83E488

 6CE472

 9AE49E

 55E45D

 B1E4B3

 3FE447

 C7E4C9

 28E432

 DEE4DE

 11E41C

 F5E4F4

 00E40C

 FFE4FF

Harmonies

Analogous

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



C6D863



83E488



00EABE

Triad

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



83E488



35D9FF



FFA2A7

Complementary

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



83E488



E483DF

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.



FFA1DF



83E488



BCC5FF

Square

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



83E488



00E5FF



FFB0FF



FFB278

Rectangle

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



83E488



00EBE5



FFB0FF



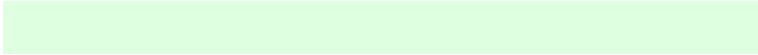
FF9FB9

Sweetspot

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



83E488



DEFFE0



DFE483



6B806C



000000



808080

Same Dimension

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



83E488



7DFF84



83E4B8



677368



00B309



003303

Inverse Universe

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



E483DF



FF7DF8



E483AF



736772



B300A9



330030

Previews

White Background



This preview shows how the Hex color 83E488 looks on a white background.

Color Contrast Check

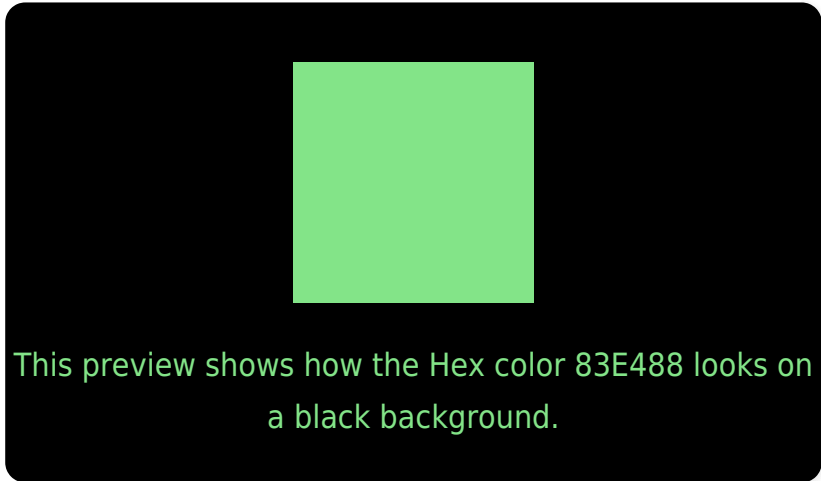
Large Text (above 18pt) WCAG AA × Fail

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

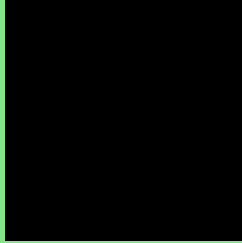
Any Text WCAG AA ✓ Pass

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 83E488 Background



This preview shows how black text looks on a background with the Hex color 83E488.

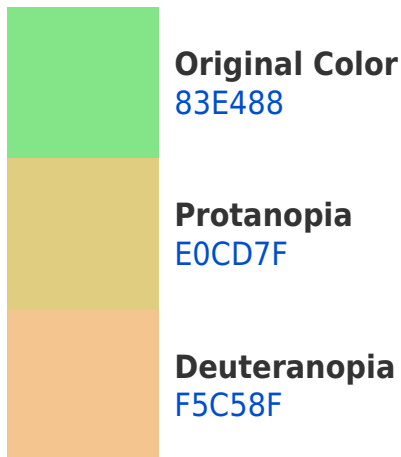


This preview shows how white text looks on a background with the Hex color 83E488.

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
97D8EA

Trichromacy



Original Color
83E488



Protanomaly
BED582



Deuteranomaly
CCD08C



Tritanomaly
90DCC6

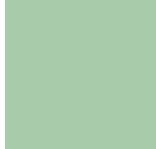
Monochromacy



Original Color
83E488



Achromatopsia
BDBDBD



Achromatomaly
A8CBAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 83E488 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 #83E488 looks like.

```
.text, #text, p{  
    color:#83E488  
}
```

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 #83E488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83E488
}
```

Border

The CSS property to change the border of an element to Hex 83E488 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
#83E488 }
```

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

```
.border{ border-color:#83E488 }
```

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

Here you see how a box with a 4 pixel #83E488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83E488; -webkit-box-shadow:4px 4px  
4px 4px #83E488; box-shadow:4px 4px 4px  
4px #83E488 }
```

Background

The CSS property to change the background color of an element to Hex 83E488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83E488 }
```

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

```
.background{ background-color:#83E488 }
```

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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