

Converting Colors

Hex(E83C7B)

Have a look what the booklet for
Hex(E83C7B) contains.

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Color

Hex(E83C7B)

Conversions

Conversions Part 1

Format	Color
Hex	E83C7B
RGB	232, 60, 123
RGB Percent	91%, 24%, 48%
CMY	0.0902, 0.7647, 0.5176
CMYK	0.00, 0.74, 0.47, 0.09
HSL	338°, 79%, 57%
HSV	338°, 74%, 91%
XYZ	38.4697, 21.8176, 20.9225
YIQ	118.6100, 82.2890, 56.0570

Conversions

Conversions Part 2

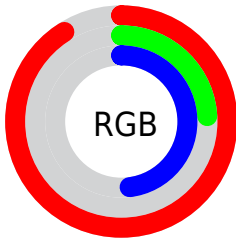
Format	Color
R_{YB}	232, 60, 123
Decimal	15219835
CIE _{Lab}	53.83, 68.85, 4.99
CIE _{LCh}	54, 69.031, 4.146
Yxy	21.8176, 0.4737, 0.2687
Android (android.graphics.Color)	4293409915 (0xFFE83C7B)
YUV	118.6100, 2.1643, 99.4430
Hunter-Lab	46.7093, 65.2711, 6.1387

Details

The Hex color **E83C7B** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **3CE8A9**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF79AF**, and **AA004B** is the 20% darker color. If you saturate the color by 10%, you get **E8256C**, and if you desaturate by 10%, it is **E8538A**.

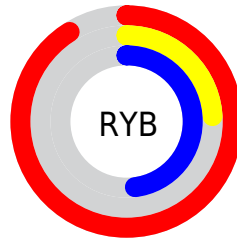
Distribution



Red (91%)

Green (24%)

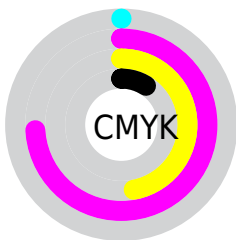
Blue (48%)



Red (91%)

Yellow (24%)

Blue (48%)

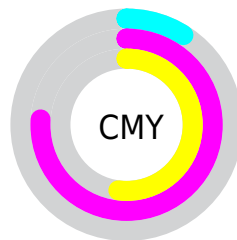


Cyan (0%)

Magenta (74%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83C7B 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 E83C7B by changing the saturation by 10% instead.

 E83C7B

 E83C7B

FFFFFF

 C91162

 FF79AF

 AA004B

 FF96CB

 8C0034

 FFB3E7

 6E0020

 FFD1FF

 520006

 FFEFFF

 340002

 000000

 E83C7B

 E83C7B

 E8256C

 E8538A

 E80E5E

 E86A98

 E80055

 E882A7

 E899B6

 E8B0C5

 E8C7D3

 E8DEE2

 E8F6F1

 E8FFFF

Harmonies

Analogous

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



CD4EB6



E83C7B



E24D41

Triad

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



E83C7B



559000



0094EC

Complementary

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



E83C7B



3CE8A9

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.



009AC2



E83C7B



009849

Square

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



E83C7B



948100



009B88



0085F8

Rectangle

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



E83C7B



CF601B



009B88



0097E1

Sweetspot

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



E83C7B



FFC7DB



A93CE8



805E6A



000000



808080

Same Dimension

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



E83C7B



FF1C6F



E8533C



73676B



B30041



330013

Inverse Universe

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



E83C7B



FF1C6F



3CD1E8



73676B



B30041



330013

Previews

White Background



This preview shows how the Hex color E83C7B looks on a white background.

Color Contrast Check

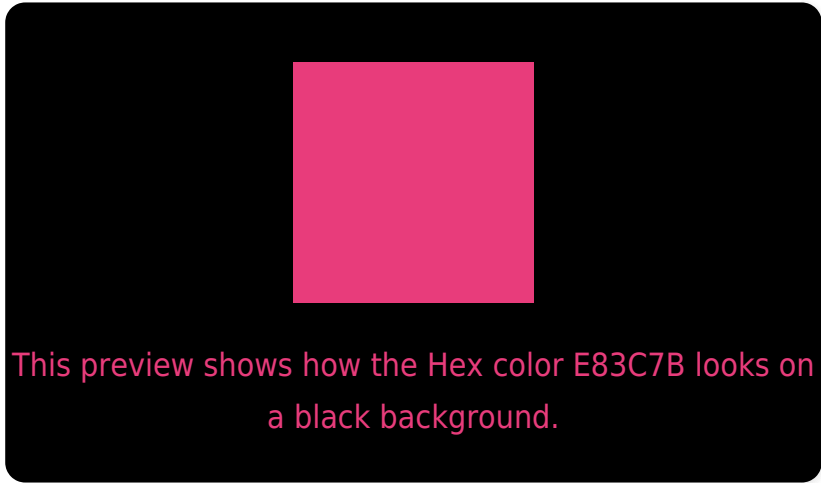
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex E83C7B Background



This preview shows how black text looks on a background with the Hex color E83C7B.



This preview shows how white text looks on a background with the Hex color E83C7B.

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
E5484B

Trichromacy



Original Color
E83C7B



Protanomaly
A16794



Deuteranomaly
B26576

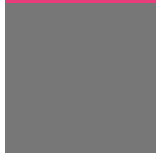


Tritanomaly
E6445C

Monochromacy



Original Color
E83C7B



Achromatopsia
777777



Achromatomaly
A06278

CSS Examples

Text

The CSS property to change the color of the text to Hex E83C7B 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 #E83C7B looks like.

```
.text, #text, p{  
    color:#E83C7B  
}
```

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 #E83C7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83C7B
}
```

Border

The CSS property to change the border of an element to Hex E83C7B 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
#E83C7B }
```

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

```
.border{ border-color:#E83C7B }
```

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

Here you see how a box with a 4 pixel #E83C7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83C7B; -webkit-box-shadow:4px 4px  
4px 4px #E83C7B; box-shadow:4px 4px 4px  
4px #E83C7B }
```

Background

The CSS property to change the background color of an element to Hex E83C7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83C7B }
```

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

```
.background{ background-color:#E83C7B }
```

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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