

Converting Colors

Hex(E83D7B)

Have a look what the booklet for
Hex(E83D7B) contains.

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Color

Hex(E83D7B)

Conversions

Conversions Part 1

Format	Color
Hex	E83D7B
RGB	232, 61, 123
RGB Percent	91%, 24%, 48%
CMY	0.0902, 0.7608, 0.5176
CMYK	0.00, 0.74, 0.47, 0.09
HSL	338°, 79%, 57%
HSV	338°, 74%, 91%
XYZ	38.5226, 21.9234, 20.9402
YIQ	119.1970, 82.0140, 55.5340

Conversions

Conversions Part 2

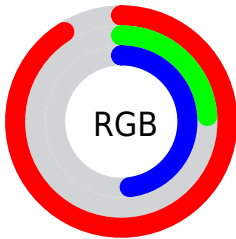
Format	Color
R_{YB}	232, 61, 123
Decimal	15220091
CIE _{Lab}	53.95, 68.53, 5.15
CIE _{LCh}	54, 68.727, 4.299
Yxy	21.9234, 0.4733, 0.2694
Android (android.graphics.Color)	4293410171 (0xFFE83D7B)
YUV	119.1970, 1.8749, 98.9282
Hunter-Lab	46.8224, 64.9198, 6.2597

Details

The Hex color **E83D7B** 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 **3DE8AA**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7AAF**, and **AB004B** is the 20% darker color. If you saturate the color by 10%, you get **E8266C**, and if you desaturate by 10%, it is **E8548A**.

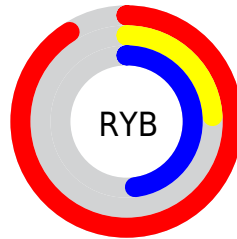
Distribution



Red (91%)

Green (24%)

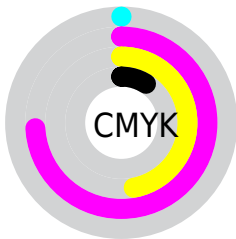
Blue (48%)



Red (91%)

Yellow (24%)

Blue (48%)

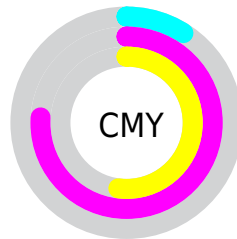


Cyan (0%)

Magenta (74%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (76%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color E83D7B 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 E83D7B by changing the saturation by 10% instead.

 E83D7B

 E83D7B

FFFFFF

 C91462

 FF7AAF

 AB004B

 FF97CB

 8C0034

 FFB4E7

 6E0020

 FFD2FF

 520006

 FFEFFF

 340002

 000000

 E83D7B

 E83D7B

 E8266C

 E8548A

 E80F5D

 E86B99

 E80054

 E883A7

 E89AB6

 E8B1C5

 E8C8D4

 E8DFE3

 E8F7F1

 E8FFFF

Harmonies

Analogous

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



CE4EB6



E83D7B



E24E42

Triad

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



E83D7B



569001



0094EC

Complementary

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



E83D7B



3DE8AA

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.



009BC3



E83D7B



00984A

Square

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



E83D7B



948100



009B88



0086F8

Rectangle

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



E83D7B



CF611B



009B88



0097E1

Sweetspot

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



E83D7B



FFC7DB



A93DE8



805E6A



000000



808080

Same Dimension

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



E83D7B



FF1F70



E8543D



73676B



B30041



330012

Inverse Universe

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



E83D7B



FF1F70



3DD1E8



73676B



B30041



330012

Previews

White Background



This preview shows how the Hex color E83D7B 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 E83D7B Background



This preview shows how black text looks on a background with the Hex color E83D7B.



This preview shows how white text looks on a background with the Hex color E83D7B.

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
E5484C

Trichromacy



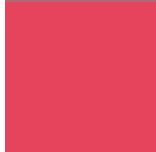
Original Color
E83D7B



Protanomaly
A16893



Deuteranomaly
B26676

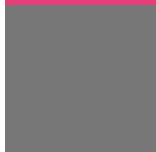


Tritanomaly
E6445D

Monochromacy



Original Color
E83D7B



Achromatopsia
777777



Achromatomaly
A06278

CSS Examples

Text

The CSS property to change the color of the text to Hex E83D7B 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 #E83D7B looks like.

```
.text, #text, p{  
    color:#E83D7B  
}
```

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 #E83D7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83D7B }  
}
```

Border

The CSS property to change the border of an element to Hex E83D7B 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 #E83D7B }  
}
```

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

```
.border{ border-color:#E83D7B }
```

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

Here you see how a box with a 4 pixel #E83D7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83D7B; -webkit-box-shadow:4px 4px  
4px 4px #E83D7B; box-shadow:4px 4px 4px  
4px #E83D7B }
```

Background

The CSS property to change the background color of an element to Hex E83D7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83D7B }
```

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

```
.background{ background-color:#E83D7B }
```

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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