

Converting Colors

Hex(E833A8)

Have a look what the booklet for
Hex(E833A8) contains.

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Color

Hex(E833A8)

Conversions

Conversions Part 1

Format	Color
Hex	E833A8
RGB	232, 51, 168
RGB Percent	91%, 20%, 66%
CMY	0.0902, 0.8000, 0.3412
CMYK	0.00, 0.78, 0.28, 0.09
HSL	321°, 80%, 55%
HSV	321°, 78%, 91%
XYZ	41.5304, 22.3506, 39.1710
YIQ	118.4570, 70.3190, 74.7590

Conversions

Conversions Part 2

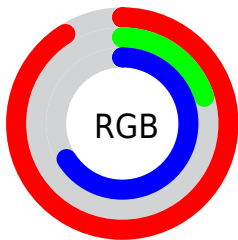
Format	Color
R _Y B	232, 51, 168
Decimal	15217576
CIE Lab	54.40, 75.98, -20.87
CIE LCh	54, 78.792, 344.641
Yxy	22.3506, 0.4030, 0.2169
Android (android.graphics.Color)	4293407656 (0xFFE833A8)
YUV	118.4570, 24.4247, 99.5772
Hunter-Lab	47.2764, 74.0712, -16.0314

Details

The Hex color **E833A8** is a light color, and the websafe version is hex **CC0099**. The color can be described as light washed rose. A complement of this color would be **33E873**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF74DF**, and **AC0074** is the 20% darker color. If you saturate the color by 10%, you get **E81CA0**, and if you desaturate by 10%, it is **E84AB0**.

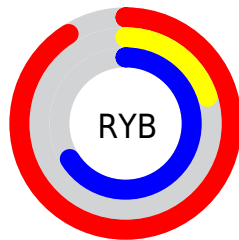
Distribution



Red (91%)

Green (20%)

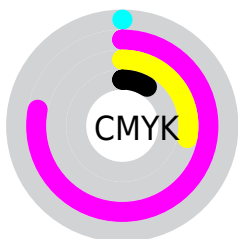
Blue (66%)



Red (91%)

Yellow (20%)

Blue (66%)

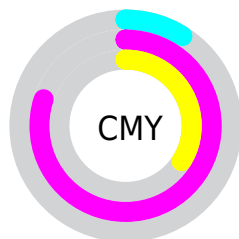


Cyan (0%)

Magenta (78%)

Yellow (28%)

Black (9%)



Cyan (9%)

Magenta (80%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color E833A8 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 E833A8 by changing the saturation by 10% instead.

 E833A8

 E833A8

FFFFFF

 CA008D

 FF74DF

 AC0074

 FF92FC

 8E005B

 FFB0FF

 710043

 FFCDFD

 54002D

 FFE8FF

 380018

 140000

 000000

 E833A8

 E833A8

 E81CA0

 E84AB0

 E80598

 E861B8

 E80096

 E879C1

 E890C9

 E8A7D1

 E8BED9

 E8D5E1

 E8EDEA

 E8FFF2

Harmonies

Analogous

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



AD5DE4



E833A8



F72964

Triad

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



E833A8



7F8900



009DE1

Complementary

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



E833A8



33E873

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.



009FA3



E833A8



1F9703

Square

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



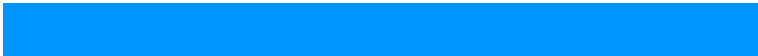
E833A8



BA7200



009D5B



0094FF

Rectangle

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



E833A8



EE4238



009D5B



009FCE

Sweetspot

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



E833A8



FFC4EA



7233E8



805C73



000000



808080

Same Dimension

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



E833A8



FF0FAA



E8334E



73676F



B30073



330021

Inverse Universe

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



E833A8



FF0FAA



33E8CD



73676F



B30073



330021

Previews

White Background



This preview shows how the Hex color E833A8 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 E833A8 Background



This preview shows how black text looks on a background with the Hex color E833A8.

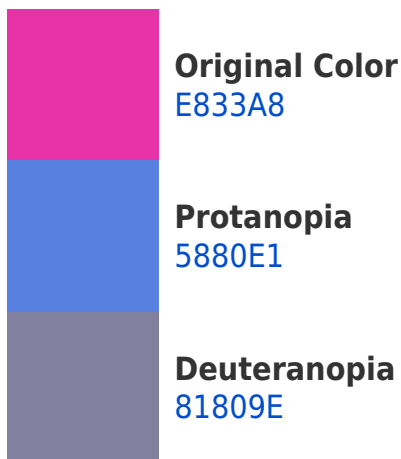


This preview shows how white text looks on a background with the Hex color E833A8.

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
E14F54

Trichromacy



Original Color
E833A8



Protanomaly
8C64CC



Deuteranomaly
A664A2



Tritanomaly
E44573

Monochromacy



Original Color
E833A8



Achromatopsia
767676



Achromatomaly
9F5E88

CSS Examples

Text

The CSS property to change the color of the text to Hex E833A8 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 #E833A8 looks like.

```
.text, #text, p{  
    color:#E833A8  
}
```

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 #E833A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E833A8
}
```

Border

The CSS property to change the border of an element to Hex E833A8 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
#E833A8 }
```

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

```
.border{ border-color:#E833A8 }
```

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

Here you see how a box with a 4 pixel #E833A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E833A8; -webkit-box-shadow:4px 4px  
4px 4px #E833A8; box-shadow:4px 4px 4px  
4px #E833A8 }
```

Background

The CSS property to change the background color of an element to Hex E833A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E833A8 }
```

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

```
.background{ background-color:#E833A8 }
```

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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