

Converting Colors

Hex(E833CB)

Have a look what the booklet for
Hex(E833CB) contains.

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Color

Hex(E833CB)

Conversions

Conversions Part 1

Format	Color
Hex	E833CB
RGB	232, 51, 203
RGB Percent	91%, 20%, 80%
CMY	0.0902, 0.8000, 0.2039
CMYK	0.00, 0.78, 0.13, 0.09
HSL	310°, 80%, 55%
HSV	310°, 78%, 91%
XYZ	45.2420, 23.8353, 58.7161
YIQ	122.4470, 59.0840, 85.6440

Conversions

Conversions Part 2

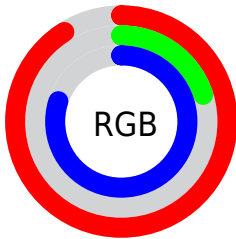
Format	Color
R _Y B	232, 51, 203
Decimal	15217611
CIE _{Lab}	55.92, 80.38, -38.79
CIE _{LCh}	56, 89.253, 334.242
Yxy	23.8353, 0.3540, 0.1865
Android (android.graphics.Color)	4293407691 (0xFFE833CB)
YUV	122.4470, 39.7126, 96.0780
Hunter-Lab	48.8214, 79.9759, -37.1314

Details

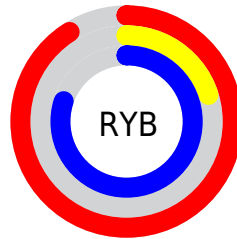
The Hex color **E833CB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **33E850**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF75FF**, and **AC0094** is the 20% darker color. If you saturate the color by 10%, you get **E81CC7**, and if you desaturate by 10%, it is **E84ACF**.

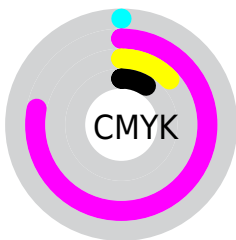
Distribution



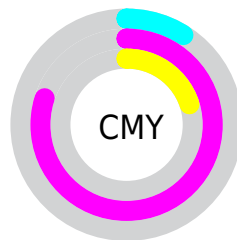
- Red (91%)
- Green (20%)
- Blue (80%)



- Red (91%)
- Yellow (20%)
- Blue (80%)



- Cyan (0%)
- Magenta (78%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (80%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E833CB 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 E833CB by changing the saturation by 10% instead.

 E833CB

 E833CB

FFFFFF

 CA00AF

 FF75FF

 AC0094

 FF94FF

 8F007A

 FFB1FF

 720061

 FFCFFF

 550048

 FFEEFF

 3A0031

 1A001B

 000000

 E833CB

 E833CB

 E81CC7

 E84ACF

 E805C4

 E861D2

 E800C3

 E879D6

 E890DA

 E8A7DE

 E8BEE1

 E8D5E5

 E8EDE9

 E8FFEC

Harmonies

Analogous

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



8C6BFF



E833CB



FF007F

Triad

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



E833CB



998700



00A6DC

Complementary

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



E833CB



33E850

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.



00A68F



E833CB



449900

Square

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



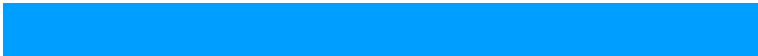
E833CB



D66700



00A23C



009FFF

Rectangle

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



E833CB



FF184C



00A23C



00A6C4

Sweetspot

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



E833CB



FFC4F6



4E33E8



805C7A



000000



808080

Same Dimension

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



E833CB



FF0FD9



E83372



736771



B30096



33002B

Inverse Universe

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



E833CB



FF0FD9



33E8A9



736771



B30096



33002B

Previews

White Background



This preview shows how the Hex color E833CB 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

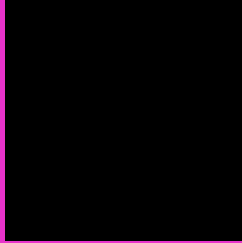
Any Text WCAG AA ✓ Pass

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 E833CB Background



This preview shows how black text looks on a background with the Hex color E833CB.



This preview shows how white text looks on a background with the Hex color E833CB.

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



Trichromacy



Original Color
E833CB



Protanomaly
7E65EC



Deuteranomaly
9C67C4



Tritanomaly
E24C87

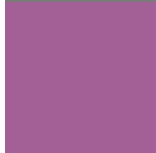
Monochromacy



Original Color
E833CB



Achromatopsia
7A7A7A



Achromatomaly
A26097

CSS Examples

Text

The CSS property to change the color of the text to Hex E833CB 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 #E833CB looks like.

```
.text, #text, p{  
    color:#E833CB  
}
```

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 #E833CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E833CB
}
```

Border

The CSS property to change the border of an element to Hex E833CB 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
#E833CB }
```

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

```
.border{ border-color:#E833CB }
```

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

Here you see how a box with a 4 pixel #E833CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E833CB; -webkit-box-shadow:4px 4px  
4px 4px #E833CB; box-shadow:4px 4px 4px  
4px #E833CB }
```

Background

The CSS property to change the background color of an element to Hex E833CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E833CB }
```

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

```
.background{ background-color:#E833CB }
```

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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