

Converting Colors

Hex(E873EB)

Have a look what the booklet for
Hex(E873EB) contains.

Hex(E873EB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E873EB)

Conversions

Conversions Part 1

Format	Color
Hex	E873EB
RGB	232, 115, 235
RGB Percent	91%, 45%, 92%
CMY	0.0902, 0.5490, 0.0784
CMYK	0.01, 0.51, 0.00, 0.08
HSL	298°, 75%, 69%
HSV	298°, 51%, 92%
XYZ	54.4048, 35.4154, 82.5657
YIQ	163.6630, 31.2120, 62.1240

Conversions

Conversions Part 2

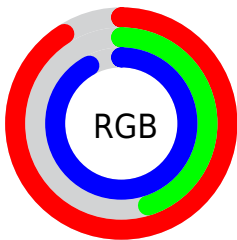
Format	Color
RYB	232, 115, 235
Decimal	15234027
CIELab	66.07, 61.39, -40.88
CIELCh	66, 73.759, 326.343
Yxy	35.4154, 0.3156, 0.2054
Android (android.graphics.Color)	4293424107 (0xFFE873EB)
YUV	163.6630, 35.1691, 59.9315
Hunter-Lab	59.5109, 59.0407, -40.6016

Details

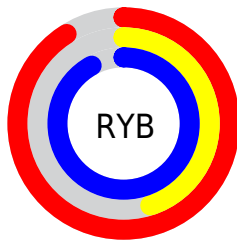
The Hex color **E873EB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76EB73**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFABFF**, and **AE3BB3** is the 20% darker color. If you saturate the color by 10%, you get **E75CEB**, and if you desaturate by 10%, it is **E98BEB**.

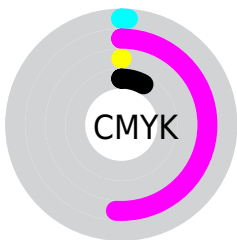
Distribution



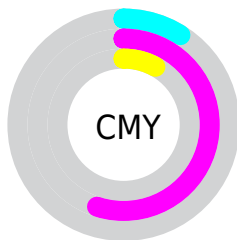
- Red (91%)
- Green (45%)
- Blue (92%)



- Red (91%)
- Yellow (45%)
- Blue (92%)



- Cyan (1%)
- Magenta (51%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (55%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color E873EB 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 E873EB by changing the saturation by 10% instead.

 E873EB

 E873EB


FFFFFF

 CB57CF

 FFABFF

 AE3BB3

 FFC8FF

 911A98

 FFE5FF

 76007D

 5A0064

 40004B

 270034

 00011E

 000000

 E873EB

 E873EB

 E75CEB

 E98BEB

 E744EB

 E9A2EB

 E62DEB

 EABAEB

 E615EB

 EAD1EB

 E500EB

 EBE9EB

 ECFFEB

 EDFFEb

Harmonies

Analogous

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



8E92FF



E873EB



FF5CAC

Triad

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



E873EB



C79B00



00BFDA

Complementary

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



E873EB



76EB73

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.



00BE96



E873EB



87AE0B

Square

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



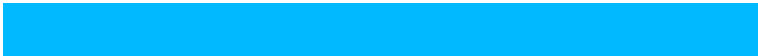
E873EB



F8802E



07B952



00B9FF

Rectangle

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



E873EB



FF5D7F



07B952



00BFC4

Sweetspot

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



E873EB



FED9FF



7377EB



7F6980



000000



808080

Same Dimension

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



E873EB



FB63FF



EB73B3



756A75



B100B5



340036

Inverse Universe

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



EB7376



FF6367



73EBAB



756A6A



B50005



360001

Previews

White Background



This preview shows how the Hex color E873EB 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

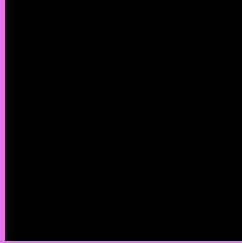
Any Text WCAG AA ✓ Pass

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 E873EB Background



This preview shows how black text looks on a background with the Hex color E873EB.




This preview shows how white text looks on a background with the Hex color E873EB.

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
DD8993

Trichromacy



Original Color
E873EB



Protanomaly
A38EF8



Deuteranomaly
AC8FE6



Tritanomaly
E181B3

Monochromacy



Original Color
E873EB



Achromatopsia
A4A4A4



Achromatomaly
BD92BE

CSS Examples

Text

The CSS property to change the color of the text to Hex E873EB 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 #E873EB looks like.

```
.text, #text, p{  
    color:#E873EB  
}
```

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 #E873EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E873EB
}
```

Border

The CSS property to change the border of an element to Hex E873EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

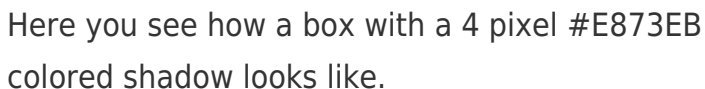
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E873EB }
```

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

```
.border{ border-color:#E873EB }
```

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



Here you see how a box with a 4 pixel #E873EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E873EB; -webkit-box-shadow:4px 4px  
4px 4px #E873EB; box-shadow:4px 4px 4px  
4px #E873EB }
```

Background

The CSS property to change the background color of an element to Hex E873EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E873EB }
```

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

```
.background{ background-color:#E873EB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor