

Converting Colors

Hex(E817C3)

Have a look what the booklet for
Hex(E817C3) contains.

Hex(E817C3)	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(E817C3)

Conversions

Conversions Part 1

Format	Color
Hex	E817C3
RGB	232, 23, 195
RGB Percent	91%, 9%, 76%
CMY	0.0902, 0.9098, 0.2353
CMYK	0.00, 0.90, 0.16, 0.09
HSL	311°, 82%, 50%
HSV	311°, 90%, 91%
XYZ	43.4354, 21.7087, 53.5307
YIQ	105.0990, 69.3520, 97.8000

Conversions

Conversions Part 2

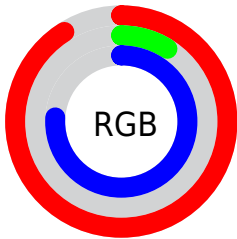
Format	Color
R _Y B	232, 23, 195
Decimal	15210435
CIE Lab	53.72, 84.63, -37.65
CIE LCh	54, 92.623, 336.016
Yxy	21.7087, 0.3660, 0.1829
Android (android.graphics.Color)	4293400515 (0xFFE817C3)
YUV	105.0990, 44.3212, 111.2922
Hunter-Lab	46.5926, 84.8675, -35.5039

Details

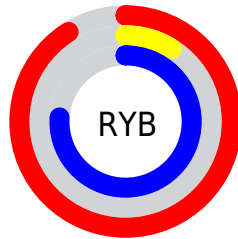
The Hex color **E817C3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **17E83C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF67FC**, and **AB008D** is the 20% darker color. If you saturate the color by 10%, you get **E800BF**, and if you desaturate by 10%, it is **E82EC7**.

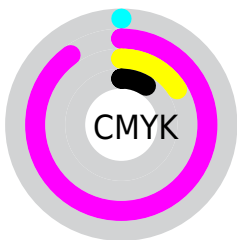
Distribution



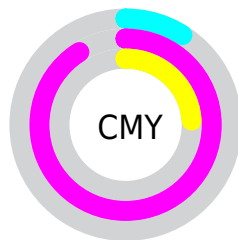
- Red (91%)
- Green (9%)
- Blue (76%)



- Red (91%)
- Yellow (9%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color E817C3 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 E817C3 by changing the saturation by 10% instead.

 E817C3

 E817C3

FFFFFF

 CA00A8

 FF67FC

 AB008D

 FF87FF

 8E0073

 FFA5FF

 71005A

 FFC3FF

 540042

 FFE2FF

 38002B

 160015

 000000

 E817C3

 E817C3

 E800BF

 E82EC7

 E845CB

 E85DCF

 E874D3

 E88BD8

 E8A2DC

 E8B9E0

 E8D1E4

 E8E8E8

Harmonies

Analogous

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



8C61FF



E817C3



FF0074

Triad

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



E817C3



8E8300



00A0DE

Complementary

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



E817C3



17E83C

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.



00A08F



E817C3



2E9400

Square

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



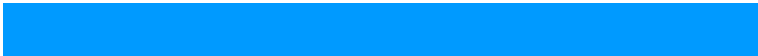
E817C3



CE6200



009D39



009AFF

Rectangle

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



E817C3



FF0041



009D39



00A1C5

Sweetspot

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



E817C3



FFBAF3



3A17E8



805778



000000



808080

Same Dimension

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



E817C3



FF00D2



E8175D



736771



B30093



33002A

Inverse Universe

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



E817C3



FF00D2



17E8A2



736771



B30093



33002A

Previews

White Background



This preview shows how the Hex color E817C3 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 E817C3 Background



This preview shows how black text looks on a background with the Hex color E817C3.



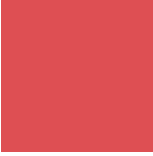
This preview shows how white text looks on a background with the Hex color E817C3.

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
DE4F53

Trichromacy



Original Color
E817C3



Protanomaly
7158E9



Deuteranomaly
9A5ABB



Tritanomaly
E23B7C

Monochromacy



Original Color
E817C3



Achromatopsia
696969



Achromatomaly
974B8A

CSS Examples

Text

The CSS property to change the color of the text to Hex E817C3 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 #E817C3 looks like.

```
.text, #text, p{  
    color:#E817C3  
}
```

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 #E817C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E817C3
}
```

Border

The CSS property to change the border of an element to Hex E817C3 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
#E817C3 }
```

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

```
.border{ border-color:#E817C3 }
```

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

Here you see how a box with a 4 pixel #E817C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E817C3; -webkit-box-shadow:4px 4px  
4px 4px #E817C3; box-shadow:4px 4px 4px  
4px #E817C3 }
```

Background

The CSS property to change the background color of an element to Hex E817C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E817C3 }
```

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

```
.background{ background-color:#E817C3 }
```

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