

Converting Colors

Hex(E878AE)

Have a look what the booklet for
Hex(E878AE) contains.

Hex(E878AE)	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(E878AE)

Conversions

Conversions Part 1

Format	Color
Hex	E878AE
RGB	232, 120, 174
RGB Percent	91%, 47%, 68%
CMY	0.0902, 0.5294, 0.3176
CMYK	0.00, 0.48, 0.25, 0.09
HSL	331°, 71%, 69%
HSV	331°, 48%, 91%
XYZ	47.6352, 33.6447, 44.0278
YIQ	159.6440, 49.4180, 40.5380

Conversions

Conversions Part 2

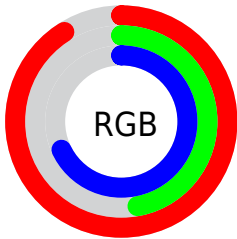
Format	Color
R _Y B	232, 120, 174
Decimal	15235246
CIE Lab	64.68, 49.40, -8.79
CIE LCh	65, 50.180, 349.909
Yxy	33.6447, 0.3801, 0.2685
Android (android.graphics.Color)	4293425326 (0xFFE878AE)
YUV	159.6440, 7.0775, 63.4562
Hunter-Lab	58.0041, 45.0838, -4.4010

Details

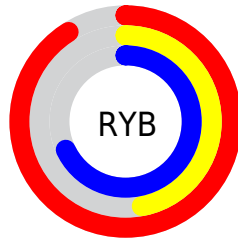
The Hex color **E878AE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78E8B2**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFAFE5**, and **AE427A** is the 20% darker color. If you saturate the color by 10%, you get **E861A2**, and if you desaturate by 10%, it is **E88FBA**.

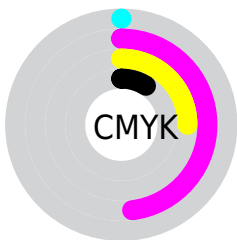
Distribution



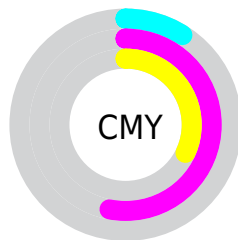
- Red (91%)
- Green (47%)
- Blue (68%)



- Red (91%)
- Yellow (47%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color E878AE 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 E878AE by changing the saturation by 10% instead.

 E878AE

 E878AE

FFFFFF

 CB5D93

 FFAFE5

 AE427A

 FFCBFF

 912761

 FFE8FF

 760049

 5A0033

 40001E

 280001

 000000

 E878AE

 E878AE

 E861A2

 E88FBA

 E84A96

 E8A6C6

 E8328A

 E8BED2

 E81B7E

 E8D5DE

 E80472

 E8ECEA

 E80070

 E8FFF6

 E8FFFF

Harmonies

Analogous

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



C585D7



E878AE



F17881

Triad

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



E878AE



9AA444



00B0E0

Complementary

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



E878AE



78E8B2

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.



00B3BA



E878AE



65AD61

Square

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



E878AE



C49542



00B28C



00A6F5

Rectangle

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



E878AE



EA7F66



00B28C



00B1D5

Sweetspot

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



E878AE



FFDBED



B278E8



806A74



000000



808080

Same Dimension

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



E878AE



FF6BB2



E87A78



73676D



B30056



330019

Inverse Universe

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



E878AE



FF6BB2



78E6E8



73676D



B30056



330019

Previews

White Background



This preview shows how the Hex color E878AE 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 E878AE Background



This preview shows how black text looks on a background with the Hex color E878AE.



This preview shows how white text looks on a background with the Hex color E878AE.

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
E47F89

Trichromacy



Original Color
E878AE



Protanomaly
B28FBD



Deuteranomaly
BF8DAB

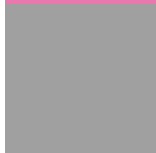


Tritanomaly
E57C96

Monochromacy



Original Color
E878AE



Achromatopsia
A0A0A0



Achromatomaly
BA91A5

CSS Examples

Text

The CSS property to change the color of the text to Hex E878AE 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 #E878AE looks like.

```
.text, #text, p{  
    color:#E878AE  
}
```

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 #E878AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E878AE
}
```

Border

The CSS property to change the border of an element to Hex E878AE 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
#E878AE }
```

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

```
.border{ border-color:#E878AE }
```

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

Here you see how a box with a 4 pixel #E878AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E878AE; -webkit-box-shadow:4px 4px  
4px 4px #E878AE; box-shadow:4px 4px 4px  
4px #E878AE }
```

Background

The CSS property to change the background color of an element to Hex E878AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E878AE }
```

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

```
.background{ background-color:#E878AE }
```

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