

Converting Colors

Hex(E794CB)

Have a look what the booklet for
Hex(E794CB) contains.

Hex(E794CB)	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(E794CB)

Conversions

Conversions Part 1

Format	Color
Hex	E794CB
RGB	231, 148, 203
RGB Percent	91%, 58%, 80%
CMY	0.0941, 0.4196, 0.2039
CMYK	0.00, 0.36, 0.12, 0.09
HSL	320°, 63%, 74%
HSV	320°, 36%, 91%
XYZ	54.3244, 42.4805, 61.8363
YIQ	179.0870, 31.8130, 34.7010

Conversions

Conversions Part 2

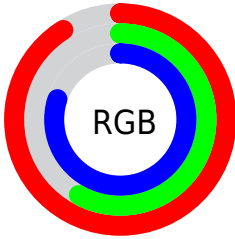
Format	Color
R_{YB}	231, 148, 203
Decimal	15176907
CIE _{Lab}	71.20, 39.08, -15.28
CIE _{LCh}	71, 41.958, 338.646
Yxy	42.4805, 0.3424, 0.2678
Android (android.graphics.Color)	4293366987 (0xFFE794CB)
YUV	179.0870, 11.7891, 45.5277
Hunter-Lab	65.1771, 34.7179, -10.6270

Details

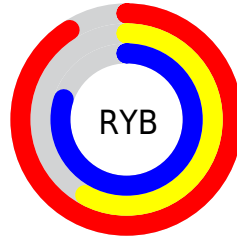
The Hex color **E794CB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **94E7B0**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCBFF**, and **AE6095** is the 20% darker color. If you saturate the color by 10%, you get **E77DC3**, and if you desaturate by 10%, it is **E7ABD3**.

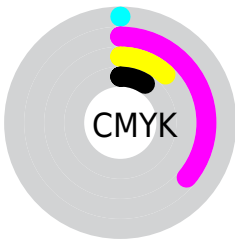
Distribution



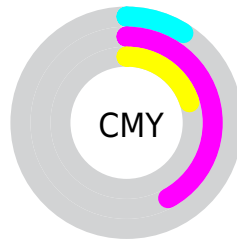
- Red (91%)
- Green (58%)
- Blue (80%)



- Red (91%)
- Yellow (58%)
- Blue (80%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E794CB 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 E794CB by changing the saturation by 10% instead.

 E794CB

 E794CB

FFFFFF

 CA79B0

 FFCBFF

 AE6095

 FFE8FF

 93467B

 782D62

 5E124A

 440033

 2E001F

 030000

 000000

 E794CB

 E794CB

 E77DC3

 E7ABD3

 E766BB

 E7C2DB

 E74FB4

 E7D9E2

 E738AC

 E7F0EA

 E721A4

 E7FFF2

 E7099C

 E7FFFA

 E70099

 E7FFFF

Harmonies

Analogous

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



C1A0EA



E794CB



F890A5

Triad

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



E794CB



BCB061



00C1DD

Complementary

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



E794CB



94E7B0

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.



15C3B9



E794CB



93BA71

Square

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



E794CB



DEA267



62C091



39BAF5

Rectangle

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



E794CB



F7938C



62C091



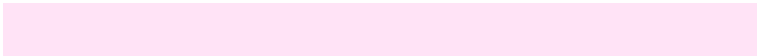
00C2D2

Sweetspot

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



E794CB



FFE3F6



B094E7



806F7A



000000



808080

Same Dimension

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



E794CB



FF91DA



E794A2



73676F



B30076



330022

Inverse Universe

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



E794CB



FF91DA



94E7D9



73676F



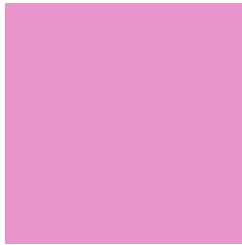
B30076



330022

Previews

White Background



This preview shows how the Hex color E794CB looks on a white background.

Color Contrast Check

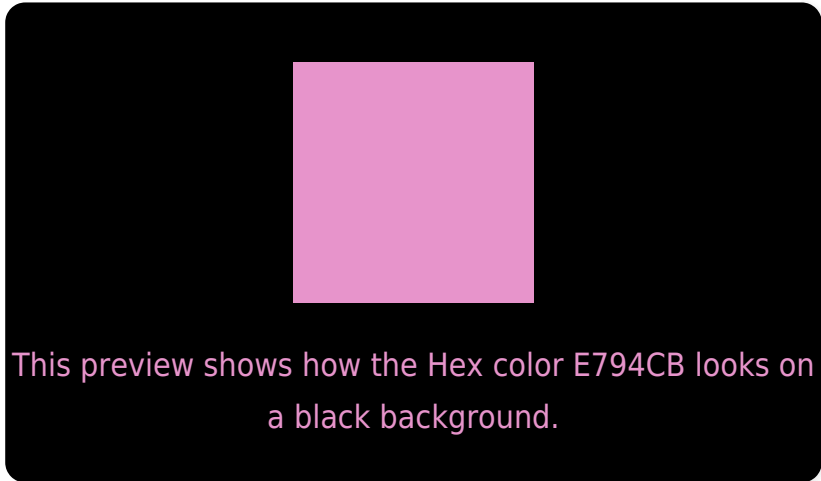
Large Text (above 18pt) WCAG AA × Fail

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 E794CB Background



This preview shows how black text looks on a background with the Hex color E794CB.

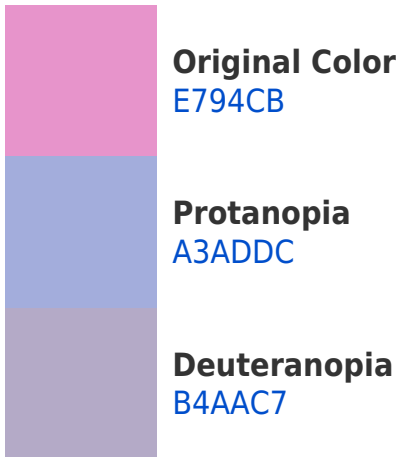


This preview shows how white text looks on a background with the Hex color E794CB.

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
E39BA7

Trichromacy



Original Color
E794CB



Protanomaly
BCA4D6



Deuteranomaly
C7A2C8

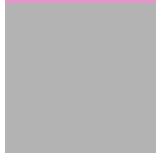


Tritanomaly
E498B4

Monochromacy



Original Color
E794CB



Achromatopsia
B3B3B3



Achromatomaly
C6A8BC

CSS Examples

Text

The CSS property to change the color of the text to Hex E794CB 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 #E794CB looks like.

```
.text, #text, p{  
    color:#E794CB  
}
```

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 #E794CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E794CB
}
```

Border

The CSS property to change the border of an element to Hex E794CB 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
#E794CB }
```

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

```
.border{ border-color:#E794CB }
```

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

Here you see how a box with a 4 pixel #E794CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E794CB; -webkit-box-shadow:4px 4px  
4px 4px #E794CB; box-shadow:4px 4px 4px  
4px #E794CB }
```

Background

The CSS property to change the background color of an element to Hex E794CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E794CB }
```

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

```
.background{ background-color:#E794CB }
```

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