

Converting Colors

Hex(EB727F)

Have a look what the booklet for
Hex(EB727F) contains.

Hex(EB727F)	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(EB727F)

Conversions

Conversions Part 1

Format	Color
Hex	EB727F
RGB	235, 114, 127
RGB Percent	92%, 45%, 50%
CMY	0.0784, 0.5529, 0.5020
CMYK	0.00, 0.51, 0.46, 0.08
HSL	354°, 75%, 68%
HSV	354°, 51%, 92%
XYZ	44.1090, 31.2291, 23.7817
YIQ	151.6610, 67.9430, 29.6950

Conversions

Conversions Part 2

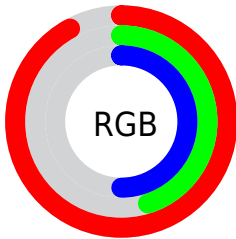
Format	Color
R_{YB}	235, 114, 127
Decimal	15430271
CIE _{Lab}	62.70, 47.88, 15.25
CIE _{LCh}	63, 50.251, 17.661
Yxy	31.2291, 0.4450, 0.3151
Android (android.graphics.Color)	4293620351 (0xFFEB727F)
YUV	151.6610, -12.1579, 73.0883
Hunter-Lab	55.8830, 43.0966, 13.8865

Details

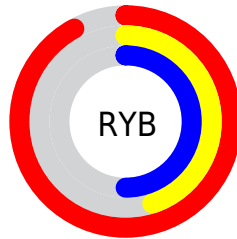
The Hex color **EB727F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72EBDE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA9B4**, and **AF3D4E** is the 20% darker color. If you saturate the color by 10%, you get **EB5B6A**, and if you desaturate by 10%, it is **EB8A94**.

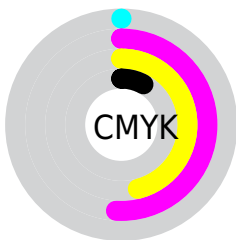
Distribution



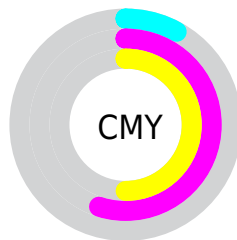
- Red (92%)
- Green (45%)
- Blue (50%)



- Red (92%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (51%)
- Yellow (46%)
- Black (8%)



- Cyan (8%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB727F 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 EB727F by changing the saturation by 10% instead.

 EB727F

FFFFFF

 FFA9B4

 FFC5CF

 FFE2EB

 EB727F

 CD5766

 AF3D4E

 922037

 750022

 59000D

 3E0001

 1E0001

 000000

 EB727F

 EB727F

 EB5B6A

 EB8A94

 EB4355

 EBA1A9

 EB2C40

 EBB9BE

 EB142B

 EBD0D3

 EB0019

 EBE8E8

 EBFFFD

 EBFFFF

Harmonies

Analogous

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



E173AC



EB727F



DF7E57

Triad

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



EB727F



64A759



00A2EE

Complementary

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



EB727F



72EBDE

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.



00ABD9



EB727F



00AD83

Square

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



EB727F



989D3E



00AEB1



7B93ED

Rectangle

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



EB727F



CC8944



00AEB1



00A5EA

Sweetspot

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



EB727F



FFD9DD



DD72EB



80696B



000000



808080

Same Dimension

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



EB727F



FF6172



EBA072



756A6B



B50013



360006

Inverse Universe

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



EB727F



FF6172



72BDEB



756A6B



B50013



360006

Previews

White Background



This preview shows how the Hex color EB727F 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 EB727F Background



This preview shows how black text looks on a background with the Hex color EB727F.

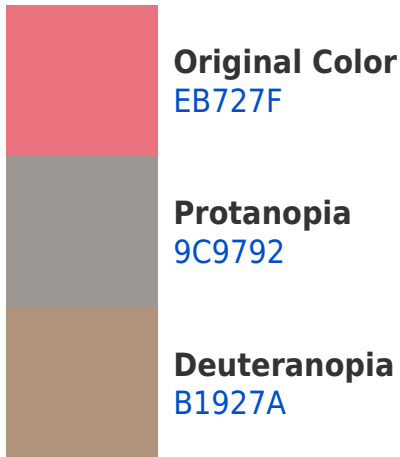


This preview shows how white text looks on a background with the Hex color EB727F.

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](#).

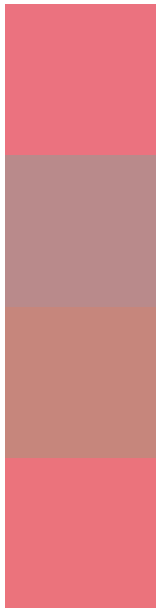
Dichromacy





Tritanopia
EB737B

Trichromacy



Original Color
EB727F

Protanomaly
B98A8B

Deuteranomaly
C6867C

Tritanomaly
EB737C

Monochromacy



Original Color
EB727F

Achromatopsia
989898

Achromatomaly
B68A8F

CSS Examples

Text

The CSS property to change the color of the text to Hex EB727F 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 #EB727F looks like.

```
.text, #text, p{  
    color:#EB727F  
}
```

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 #EB727F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB727F
}
```

Border

The CSS property to change the border of an element to Hex EB727F 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
#EB727F }
```

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

```
.border{ border-color:#EB727F }
```

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

Here you see how a box with a 4 pixel #EB727F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB727F; -webkit-box-shadow:4px 4px  
4px 4px #EB727F; box-shadow:4px 4px 4px  
4px #EB727F }
```

Background

The CSS property to change the background color of an element to Hex EB727F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB727F }
```

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

```
.background{ background-color:#EB727F }
```

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