

# Converting Colors

Hex(E4718F)

Have a look what the booklet for  
Hex(E4718F) contains.

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# **Color**

**Hex(E4718F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4718F
RGB	228, 113, 143
RGB Percent	89%, 44%, 56%
CMY	0.1059, 0.5569, 0.4392
CMYK	0.00, 0.50, 0.37, 0.11
HSL	344°, 68%, 67%
HSV	344°, 50%, 89%
XYZ	42.8580, 30.2874, 29.5738
YIQ	150.8050, 58.9100, 33.7100

# Conversions

## Conversions Part 2

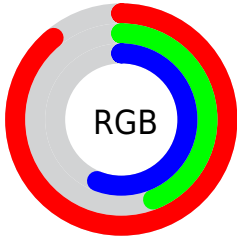
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 113, 143
Decimal	14971279
CIE Lab	61.90, 47.63, 4.79
CIE LCh	62, 47.872, 5.743
Yxy	30.2874, 0.4172, 0.2949
Android (android.graphics.Color)	4293161359 (0xFFE4718F)
YUV	150.8050, -3.8479, 67.7000
Hunter-Lab	55.0340, 42.6982, 6.6629

# Details

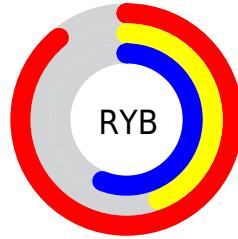
The Hex color **E4718F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71E4C6**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA8C5**, and **A93C5D** is the 20% darker color. If you saturate the color by 10%, you get **E45A7E**, and if you desaturate by 10%, it is **E488A0**.

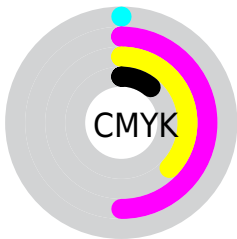
# Distribution



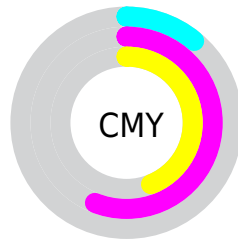
- Red (89%)
- Green (44%)
- Blue (56%)



- Red (89%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (37%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4718F 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 E4718F by changing the saturation by 10% instead.



 E4718F

 E4718F

FFFFFF

 C65675

 FFA8C5

 A93C5D

 FFC4E1

 8C1F45

 FFE0FD

 70002F

FFFEFF

 54001B

 3C0001

 1A0001

 000000

 E4718F

 E4718F

 E45A7E

 E488A0

 E4436D

 E49FB1

 E42D5C

 E4B5C2

 E4164C

 E4CCD2

 E4003B

 E4E3E3

 E4FAF4

 E4FFFF

# Harmonies

## Analogous

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



D078B9



E4718F



E07866

# Triad

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



E4718F



7AA14E



00A3E2

# Complementary

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



E4718F



71E4C6

# 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.



00AAC6



E4718F



3DA871

# Square

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



E4718F



A6963D



00AB9D



5997EA

# Rectangle

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



E4718F



D38150



00AB9D



00A6DB



# Sweetspot

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



E4718F



FFD9E3



C571E4



80696F



000000



808080



# Same Dimension

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



E4718F



FF638C



E48C71



73676A



B3002F



33000D



# Inverse Universe

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



E4718F



FF638C



71C9E4



73676A



B3002F



33000D



# Previews

## White Background



This preview shows how the Hex color E4718F looks on a white background.

## Color Contrast Check

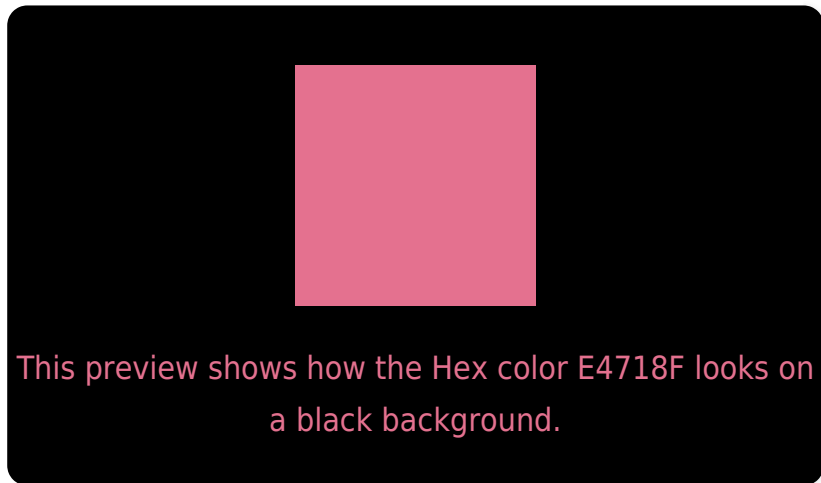
Large Text (above 18pt) WCAG AA × Fail

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

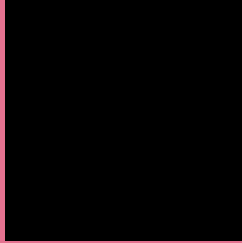
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4718F Background



This preview shows how black text looks on a background with the Hex color E4718F.

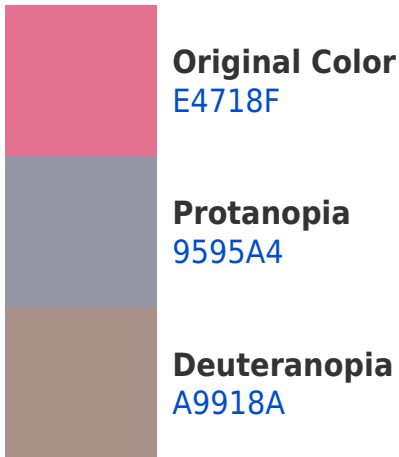


This preview shows how white text looks on a background with the Hex color E4718F.

# 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](#).

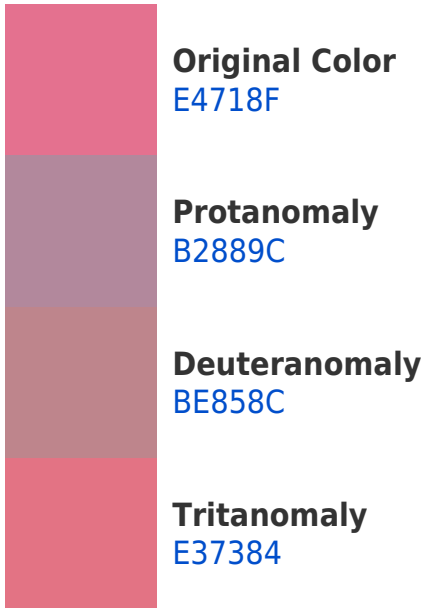
## Dichromacy



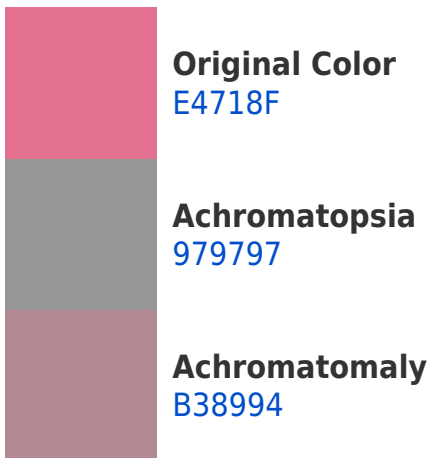


**Tritanopia**  
E2747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4718F 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 #E4718F looks like.

```
.text, #text, p{  
    color:#E4718F  
}
```

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 #E4718F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4718F
}
```

## Border

The CSS property to change the border of an element to Hex E4718F is called "border". The border property can be set on classes, ids or directly on the HTML element.

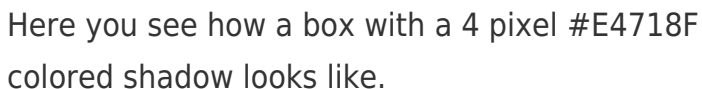
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E4718F }
```

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

```
.border{ border-color:#E4718F }
```

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



Here you see how a box with a 4 pixel #E4718F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4718F; -webkit-box-shadow:4px 4px  
4px 4px #E4718F; box-shadow:4px 4px 4px  
4px #E4718F }
```

# Background

The CSS property to change the background color of an element to Hex E4718F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4718F }
```

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

```
.background{ background-color:#E4718F }
```

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](#).



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