

# Converting Colors

Hex(C4718E)

Have a look what the booklet for  
Hex(C4718E) contains.

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# **Color**

**Hex(C4718E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4718E
RGB	196, 113, 142
RGB Percent	77%, 44%, 56%
CMY	0.2314, 0.5569, 0.4431
CMYK	0.00, 0.42, 0.28, 0.23
HSL	339°, 41%, 61%
HSV	339°, 42%, 77%
XYZ	33.5526, 25.4990, 28.7446
YIQ	141.1230, 40.1590, 26.6150

# Conversions

## Conversions Part 2

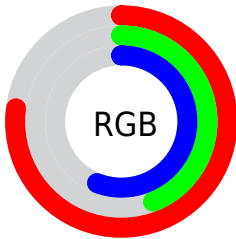
Format	Color
R <sub>Y</sub> B	196, 113, 142
Decimal	12874126
CIE Lab	57.56, 36.31, -1.48
CIE LCh	58, 36.340, 357.673
Yxy	25.4990, 0.3822, 0.2904
Android (android.graphics.Color)	4291064206 (0xFFC4718E)
YUV	141.1230, 0.4324, 48.1271
Hunter-Lab	50.4965, 30.2358, 1.5974

# Details

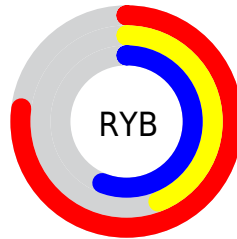
The Hex color **C4718E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71C4A7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FEA6C4**, and **8C3E5C** is the 20% darker color. If you saturate the color by 10%, you get **C45D81**, and if you desaturate by 10%, it is **C4859B**.

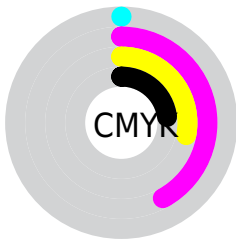
# Distribution



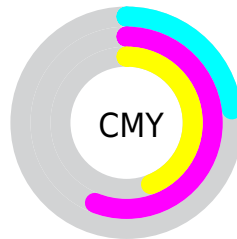
- Red (77%)
- Green (44%)
- Blue (56%)



- Red (77%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (23%)



- Cyan (23%)
- Magenta (56%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4718E 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 C4718E by changing the saturation by 10% instead.



 C4718E

 C4718E


FFFFFF

 A85774

 FEA6C4

 8C3E5C

 FFC2E0

 712644

 FFDEFC

 570A2E

 FFFBFF

 3D001A

 270001

 000000

 C4718E

 C4718E

 C45D81

 C4859B

 C44A74

 C498A8

 C43668

 C4ACB4

 C4235B

 C4BFC1

 C40F4E

 C4D3CE

 C40044

 C4E7DB

 C4FAE7

 C4FFF4

 C4FFFF

# Harmonies

## Analogous

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



B077AD



C4718E



C6736E

# Triad

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



C4718E



809151



0096BF

# Complementary

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



C4718E



71C4A7

# 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.



009AA7



C4718E



5A9867

# Square

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



C4718E



A1884A



269B87



548EC9

# Rectangle

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



C4718E



BF795D



269B87



0098B8



# Sweetspot

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



C4718E



FFDEE9



A771C4



806B72



000000



808080



# Same Dimension

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



C4718E



FF7DAA



C47D71



61575B



A10038



21000C



# Inverse Universe

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



C4718E



FF7DAA



71B8C4



61575B



A10038

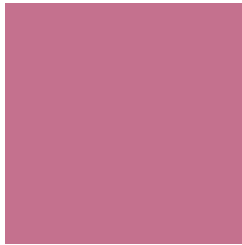


21000C



# Previews

## White Background



This preview shows how the Hex color C4718E looks on a white background.

## Color Contrast Check

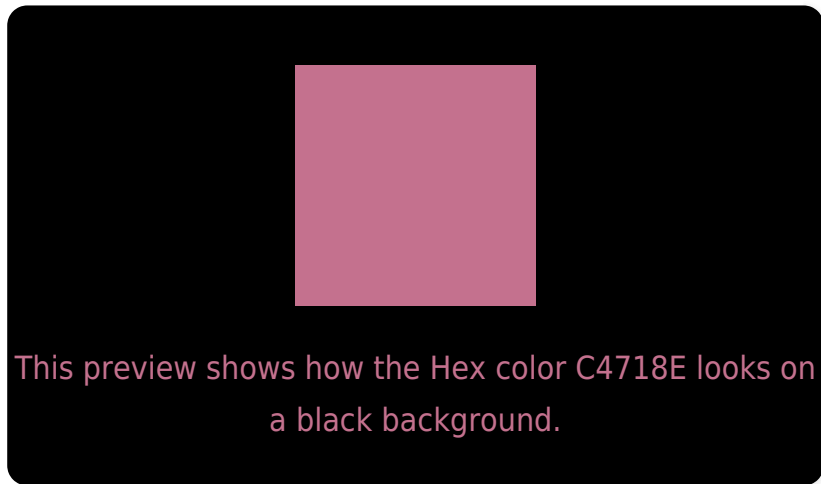
Large Text (above 18pt) WCAG AA ✓ Pass

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

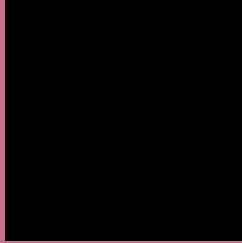
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C4718E Background



This preview shows how black text looks on a background with the Hex color C4718E.



This preview shows how white text looks on a background with the Hex color C4718E.

# 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



**Original Color**  
C4718E

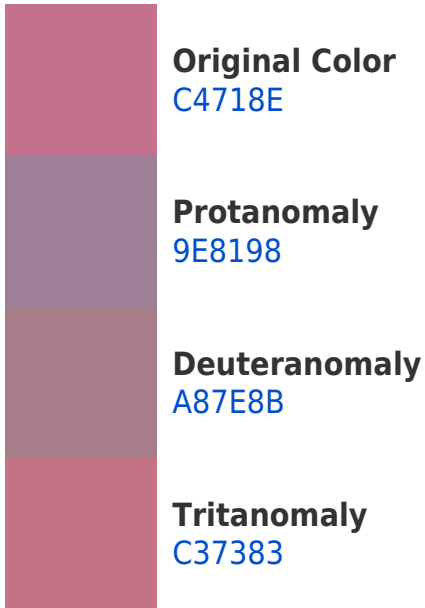
**Protanopia**  
888A9D

**Deuteranopia**  
98868A

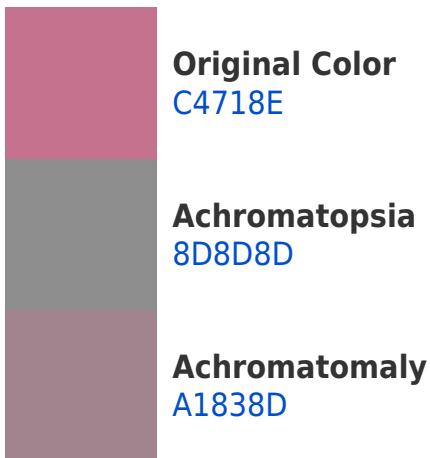


**Tritanopia**  
C2747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4718E 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 #C4718E looks like.

```
.text, #text, p{  
    color:#C4718E  
}
```

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 #C4718E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4718E
}
```

## Border

The CSS property to change the border of an element to Hex C4718E is called "border". The border property can be set on classes, ids or directly on the HTML element.

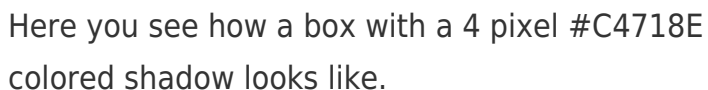
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4718E }
```

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

```
.border{ border-color:#C4718E }
```

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



Here you see how a box with a 4 pixel #C4718E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4718E; -webkit-box-shadow:4px 4px  
4px 4px #C4718E; box-shadow:4px 4px 4px  
4px #C4718E }
```

# Background

The CSS property to change the background color of an element to Hex C4718E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4718E }
```

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

```
.background{ background-color:#C4718E }
```

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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