

# Converting Colors

Hex(CA738E)

Have a look what the booklet for  
Hex(CA738E) contains.

<b>Hex(CA738E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CA738E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA738E
RGB	202, 115, 142
RGB Percent	79%, 45%, 56%
CMY	0.2078, 0.5490, 0.4431
CMYK	0.00, 0.43, 0.30, 0.21
HSL	341°, 45%, 62%
HSV	341°, 43%, 79%
XYZ	35.3703, 26.7710, 28.8943
YIQ	144.0910, 43.1850, 26.8410

# Conversions

## Conversions Part 2

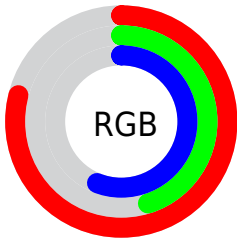
Format	Color
R <sub>Y</sub> B	202, 115, 142
Decimal	13267854
CIE Lab	58.76, 37.39, 0.38
CIE LCh	59, 37.395, 0.577
Yxy	26.7710, 0.3885, 0.2941
Android (android.graphics.Color)	4291457934 (0xFFCA738E)
YUV	144.0910, -1.0309, 50.7862
Hunter-Lab	51.7407, 31.4777, 3.1084

# Details

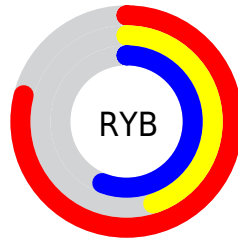
The Hex color **CA738E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73CAAF**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFA8C4**, and **92405C** is the 20% darker color. If you saturate the color by 10%, you get **CA5F80**, and if you desaturate by 10%, it is **CA879C**.

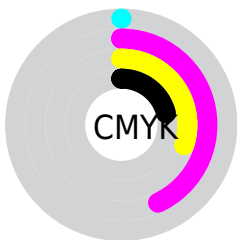
# Distribution



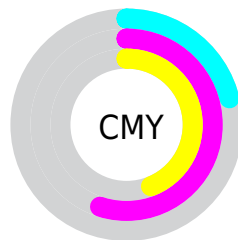
- Red (79%)
- Green (45%)
- Blue (56%)



- Red (79%)
- Yellow (45%)
- Blue (56%)



- Cyan (0%)
- Magenta (43%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA738E 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 CA738E by changing the saturation by 10% instead.



 CA738E

 CA738E

FFFFFF

 AD5974

 FFA8C4

 92405C

 FFC4E0

 762744

 FFE1FC

 5C0B2E

FFFEFF

 42001A

 2C0001

 000000

 CA738E

 CA738E

 CA5F80

 CA879C

 CA4B72

 CA9BAA

 CA3664

 CAB0B8

 CA2256

 CAC4C6

 CA0E48

 CAD8D4

 CA003F

 CAECE2

 CAFFF0

 CAFFFD

 CAFFFF

# Harmonies

## Analogous

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



B779AE



CA738E



CB766E

# Triad

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



CA738E



809553



0099C6

# Complementary

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



CA738E



73CAAF

# 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.



009EAE



CA738E



579C6C

# Square

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



CA738E



A18C4B



1C9E8D



5B90CF

# Rectangle

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



CA738E



C27C5C



1C9E8D



009BBF



# Sweetspot

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



CA738E



FFDEE8



AE73CA



806B71



000000



808080



# Same Dimension

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



CA738E



FF7AA4



CA8373



665C5F



A60033



26000C



# Inverse Universe

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



CA738E



FF7AA4



73BACA



665C5F



A60033

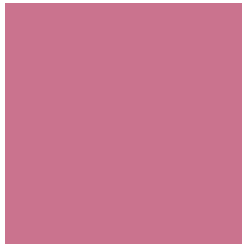


26000C



# Previews

## White Background



This preview shows how the Hex color CA738E looks on a white background.

## Color Contrast Check

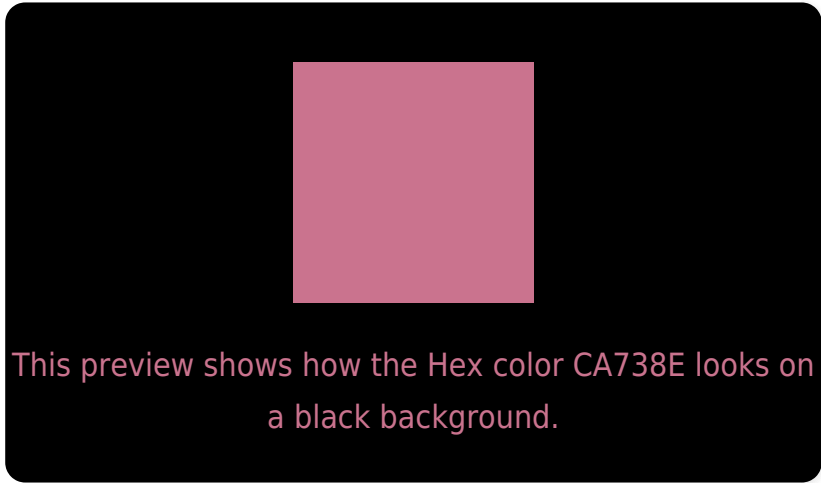
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA738E Background



This preview shows how black text looks on a background with the Hex color CA738E.



This preview shows how white text looks on a background with the Hex color CA738E.

# 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**  
CA738E

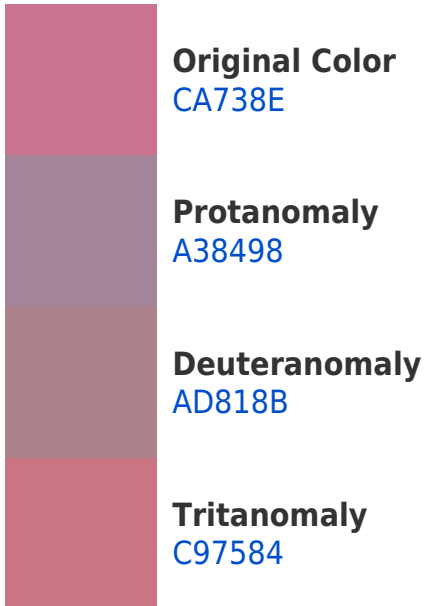
**Protanopia**  
8C8D9D

**Deuteranopia**  
9D898A

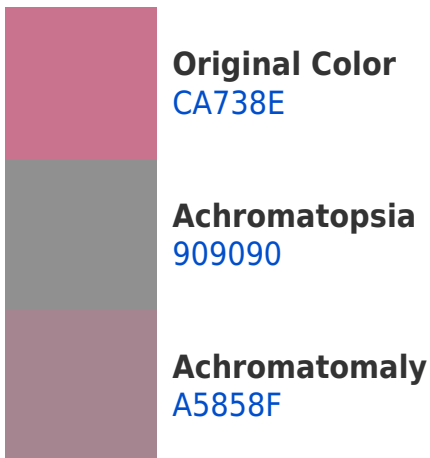


**Tritanopia**  
C9767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA738E 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 #CA738E looks like.

```
.text, #text, p{  
    color:#CA738E  
}
```

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 #CA738E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA738E
}
```

## Border

The CSS property to change the border of an element to Hex CA738E is called "border". The border property can be set on classes, ids or directly on the HTML element.

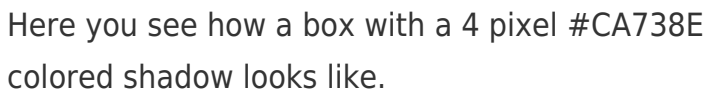
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA738E }
```

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

```
.border{ border-color:#CA738E }
```

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



Here you see how a box with a 4 pixel #CA738E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA738E; -webkit-box-shadow:4px 4px  
4px 4px #CA738E; box-shadow:4px 4px 4px  
4px #CA738E }
```

# Background

The CSS property to change the background color of an element to Hex CA738E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA738E }
```

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

```
.background{ background-color:#CA738E }
```

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