

# Converting Colors

Hex(C278A3)

Have a look what the booklet for  
Hex(C278A3) contains.

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# **Color**

**Hex(C278A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C278A3
RGB	194, 120, 163
RGB Percent	76%, 47%, 64%
CMY	0.2392, 0.5294, 0.3608
CMYK	0.00, 0.38, 0.16, 0.24
HSL	325°, 38%, 62%
HSV	325°, 38%, 76%
XYZ	35.5755, 27.5466, 38.0923
YIQ	147.0280, 30.3010, 29.0610

# Conversions

## Conversions Part 2

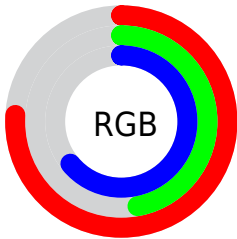
Format	Color
<a href="#">RYB</a>	<a href="#">194, 120, 163</a>
Decimal	<a href="#">12744867</a>
CIELab	<a href="#">59.48, 35.00, -10.79</a>
CIELCh	<a href="#">59, 36.630, 342.864</a>
Yxy	<a href="#">27.5466, 0.3515, 0.2722</a>
Android (android.graphics.Color)	<a href="#">4290934947 (0xFFC278A3)</a>
YUV	<a href="#">147.0280, 7.8742, 41.1944</a>
Hunter-Lab	<a href="#">52.4849, 29.1429, -6.2919</a>

# Details

The Hex color **C278A3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78C297**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FCADDA**, and **8B456F** is the 20% darker color. If you saturate the color by 10%, you get **C2659B**, and if you desaturate by 10%, it is **C28BAB**.

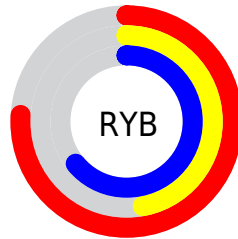
# Distribution



Red (76%)

Green (47%)

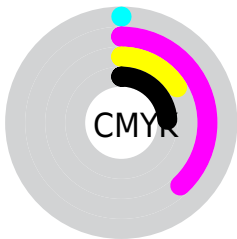
Blue (64%)



Red (76%)

Yellow (47%)

Blue (64%)

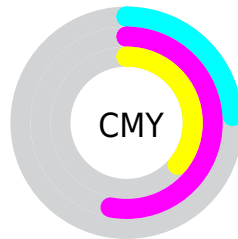


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C278A3 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 C278A3 by changing the saturation by 10% instead.



 C278A3

 C278A3

FFFFFF

 A65E89

 FCADDA

 8B456F

 FFC9F6

 702D57

 FFE6FF

 571440

 3E002A

 290015

 000000

 C278A3

 C278A3

 C2659B

 C28BAB

 C25193

 C29FB3

 C23E8B

 C2B2BB

 C22A82

 C2C6C4

 C2177A

 C2D9CC

 C20472

 C2ECD4

 C20071

 C2FFDC

 C2FFE4

 C2FFEC

# Harmonies

## Analogous

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



A482BF



C278A3



CD7682

# Triad

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



C278A3



96924F



009EBA

# Complementary

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



C278A3



78C297

# 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.



00A09C



C278A3



729A5F

# Square

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



C278A3



B48752



489F7B



3798CC

# Rectangle

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



C278A3



CB796E



489F7B



009FB1



# Sweetspot

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



C278A3



FCE1F1



9778C2



806F79



000000



808080



# Same Dimension

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



C278A3



FC88CC



C2787E



61575D



A1005D



210013



# Inverse Universe

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



C278A3



FC88CC



78C2BC



61575D



A1005D

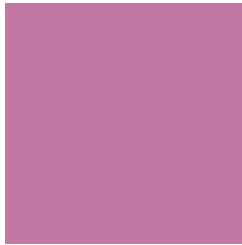


210013



# Previews

## White Background



This preview shows how the Hex color C278A3 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

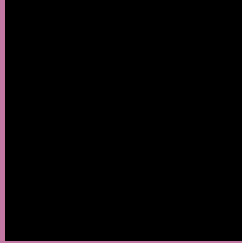
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C278A3 Background



This preview shows how black text looks on a background with the Hex color C278A3.

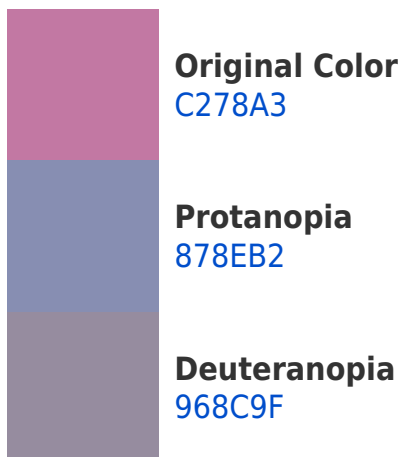


This preview shows how white text looks on a background with the Hex color C278A3.

# 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](#).

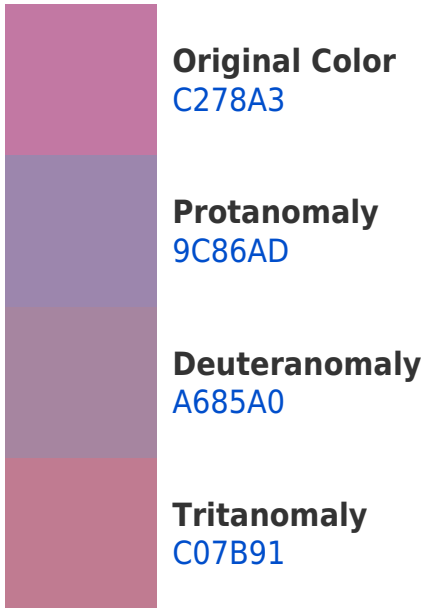
## Dichromacy





**Tritanopia**  
BF7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C278A3 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 #C278A3 looks like.

```
.text, #text, p{  
    color:#C278A3  
}
```

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 #C278A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C278A3
}
```

## Border

The CSS property to change the border of an element to Hex C278A3 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
#C278A3 }
```

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

```
.border{ border-color:#C278A3 }
```

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

Here you see how a box with a 4 pixel #C278A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C278A3; -webkit-box-shadow:4px 4px  
4px 4px #C278A3; box-shadow:4px 4px 4px  
4px #C278A3 }
```

# Background

The CSS property to change the background color of an element to Hex C278A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C278A3 }
```

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

```
.background{ background-color:#C278A3 }
```

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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