

# Converting Colors

Hex(C586A3)

Have a look what the booklet for  
Hex(C586A3) contains.

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**Color**

**Hex(C586A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C586A3
RGB	197, 134, 163
RGB Percent	77%, 53%, 64%
CMY	0.2275, 0.4745, 0.3608
CMYK	0.00, 0.32, 0.17, 0.23
HSL	332°, 35%, 65%
HSV	332°, 32%, 77%
XYZ	38.1619, 31.5649, 38.7316
YIQ	156.1430, 28.2390, 22.3750

# Conversions

## Conversions Part 2

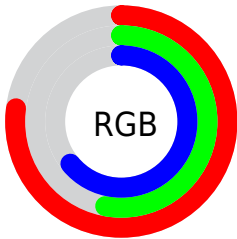
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 134, 163
Decimal	12945059
CIELab	62.98, 28.43, -5.53
CIElCh	63, 28.961, 348.983
Yxy	31.5649, 0.3519, 0.2910
Android (android.graphics.Color)	4291135139 (0xFFC586A3)
YUV	156.1430, 3.3805, 35.8316
Hunter-Lab	56.1826, 22.9262, -1.5460

# Details

The Hex color **C586A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86C5A8**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFBCDA**, and **8E536F** is the 20% darker color. If you saturate the color by 10%, you get **C57298**, and if you desaturate by 10%, it is **C59AAE**.

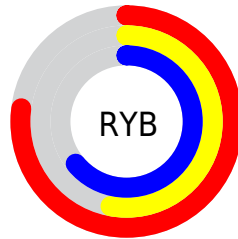
# Distribution



Red (77%)

Green (53%)

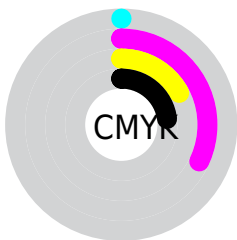
Blue (64%)



Red (77%)

Yellow (53%)

Blue (64%)

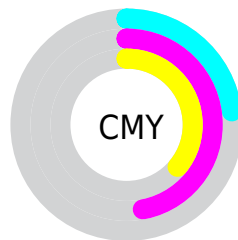


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (23%)



Cyan (23%)

Magenta (47%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C586A3 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 C586A3 by changing the saturation by 10% instead.



 C586A3

 C586A3

FFFFFF

 A96C89

 FFBCDA

 8E536F

 FFD8F6

 743B57

 FFF4FF

 5A2440

 410C2A

 2B0016

 000000

 C586A3

 C586A3

 C57298

 C59AAE

 C55F8E

 C5ADB8

 C54B83

 C5C1C3

 C53778

 C5D5CE

 C5246E

 C5E9D8

 C51063

 C5FCE3

 C5005B

 C5FFED

 C5FFF8

 C5FFFF

# Harmonies

## Analogous

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



B08CBA



C586A3



CC8689

# Triad

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



C586A3



9A9C67



48A4BE

# Complementary

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



C586A3



86C5A8

# 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.



46A6A8



C586A3



7CA276

# Square

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



C586A3



B39466



5EA68E



689ECA

# Rectangle

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



C586A3



C98979



5EA68E



43A5B8



# Sweetspot

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



C586A3



FFE6F1



A886C5



807077



000000



808080



# Same Dimension

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



C586A3



FF9ECB



C58886



635A5E



A3004B



240010



# Inverse Universe

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



C586A3



FF9ECB



86C3C5



635A5E



A3004B

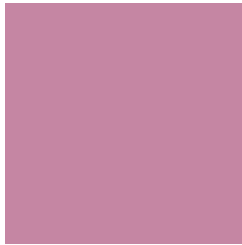


240010



# Previews

## White Background



This preview shows how the Hex color C586A3 looks on a white background.

## Color Contrast Check

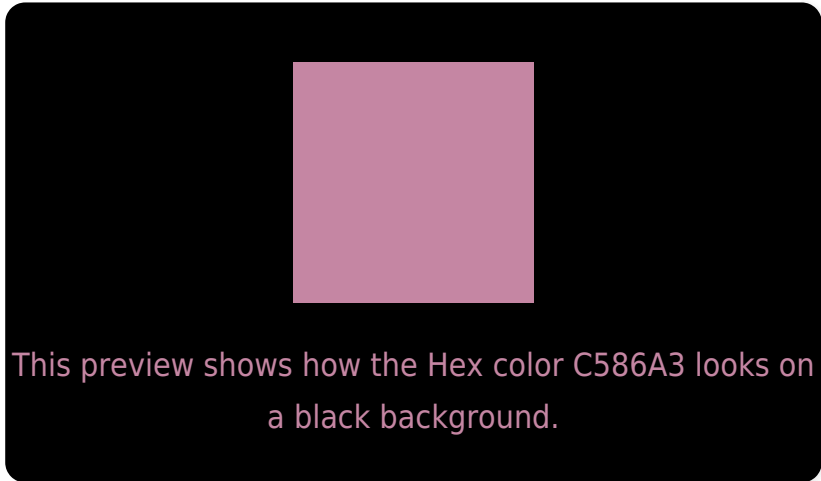
Large Text (above 18pt) WCAG AA × Fail

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 C586A3 Background



This preview shows how black text looks on a background with the Hex color C586A3.

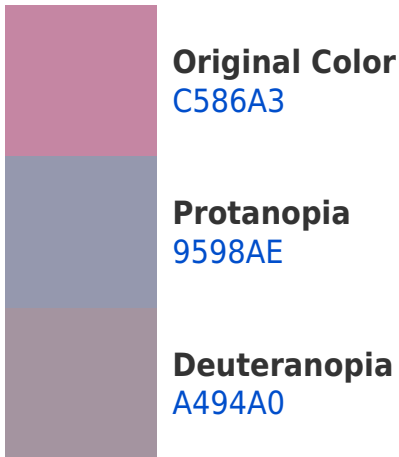


This preview shows how white text looks on a background with the Hex color C586A3.

# 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](#).

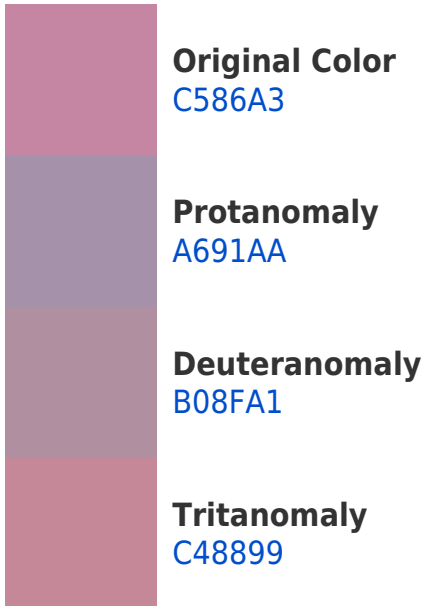
## Dichromacy



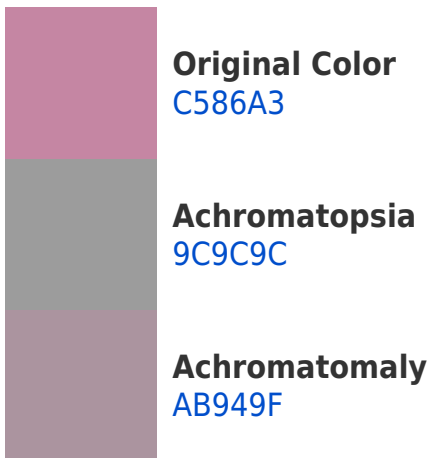


**Tritanopia**  
C38993

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C586A3 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 #C586A3 looks like.

```
.text, #text, p{  
    color:#C586A3  
}
```

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 #C586A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C586A3
}
```

## Border

The CSS property to change the border of an element to Hex C586A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

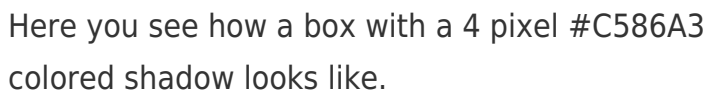
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C586A3 }
```

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

```
.border{ border-color:#C586A3 }
```

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



Here you see how a box with a 4 pixel #C586A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C586A3; -webkit-box-shadow:4px 4px  
4px 4px #C586A3; box-shadow:4px 4px 4px  
4px #C586A3 }
```

# Background

The CSS property to change the background color of an element to Hex C586A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C586A3 }
```

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

```
.background{ background-color:#C586A3 }
```

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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