

Converting Colors

Hex(CA4C78)

Have a look what the booklet for
Hex(CA4C78) contains.

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Color

Hex(CA4C78)

Conversions

Conversions Part 1

Format	Color
Hex	CA4C78
RGB	202, 76, 120
RGB Percent	79%, 30%, 47%
CMY	0.2078, 0.7020, 0.5294
CMYK	0.00, 0.62, 0.41, 0.21
HSL	339°, 54%, 55%
HSV	339°, 62%, 79%
XYZ	30.3317, 19.0815, 19.8537
YIQ	118.6900, 60.9720, 40.3960

Conversions

Conversions Part 2

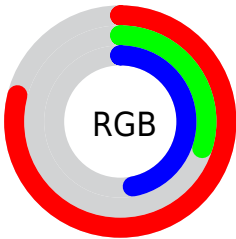
Format	Color
R_{YB}	202, 76, 120
Decimal	13257848
CIE _{Lab}	50.78, 53.83, 1.73
CIE _{LCh}	51, 53.855, 1.841
Yxy	19.0815, 0.4379, 0.2755
Android (android.graphics.Color)	4291447928 (0xFFCA4C78)
YUV	118.6900, 0.6458, 73.0629
Hunter-Lab	43.6824, 47.5008, 3.6302

Details

The Hex color **CA4C78** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4CCA9E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF83AC**, and **8F0A48** is the 20% darker color. If you saturate the color by 10%, you get **CA386B**, and if you desaturate by 10%, it is **CA6085**.

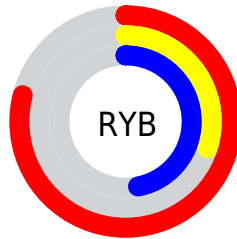
Distribution



Red (79%)

Green (30%)

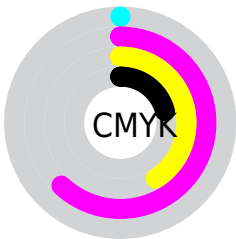
Blue (47%)



Red (79%)

Yellow (30%)

Blue (47%)

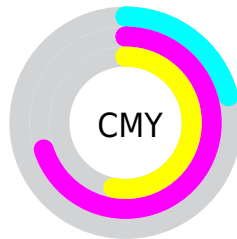


Cyan (0%)

Magenta (62%)

Yellow (41%)

Black (21%)



Cyan (21%)

Magenta (70%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4C78 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 CA4C78 by changing the saturation by 10% instead.

 CA4C78

 CA4C78

FFFFFF

 AD2F5F

 FF83AC

 8F0A48

 FF9FC7

 730032

 FFBBE3

 57001D

 FFD8FF

 3E0002

 FFF5FF

 1B0001

 000000

 CA4C78

 CA4C78

 CA386B

 CA6085

 CA245E

 CA7492

 CA0F51

 CA899F

 CA0047

 CA9DAD

 CAB1BA

 CAC5C7

 CAD9D4

 CAEEE1

 CAFFEE

Harmonies

Analogous

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



B257A5



CA4C78



C8544B

Triad

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



CA4C78



5F8423



0089CA

Complementary

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



CA4C78



4CCA9E

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.



008EA8



CA4C78



008B4B

Square

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



CA4C78



8D780D



008E7A



007DD5

Rectangle

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



CA4C78



BB6031



008E7A



008BC0

Sweetspot

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



CA4C78



FFCFDF



9E4CCA



80626C



000000



808080

Same Dimension

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



CA4C78



FF4083



CA5F4C



665C5F



A6003A



26000D

Inverse Universe

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



CA4C78



FF4083



4CB7CA



665C5F



A6003A



26000D

Previews

White Background



This preview shows how the Hex color CA4C78 looks on a white background.

Color Contrast Check

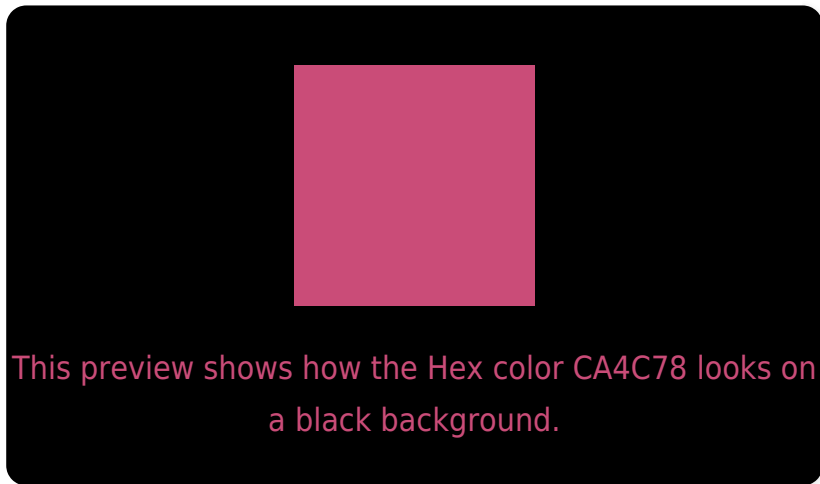
Large Text (above 18pt) WCAG AA ✓ Pass

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

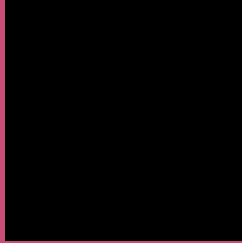
Any Text WCAG AA ✓ Pass

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 CA4C78 Background



This preview shows how black text looks on a background with the Hex color CA4C78.



This preview shows how white text looks on a background with the Hex color CA4C78.

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
CA4C78

Protanopia
747893

Deuteranopia
887572



Tritanopia
C85358

Trichromacy



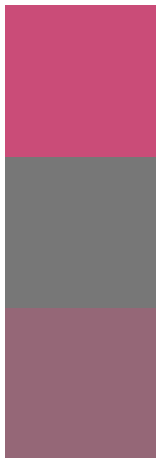
Original Color
CA4C78

Protanomaly
936889

Deuteranomaly
A06674

Tritanomaly
C95064

Monochromacy



Original Color
CA4C78

Achromatopsia
777777

Achromatomaly
956777

CSS Examples

Text

The CSS property to change the color of the text to Hex CA4C78 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 #CA4C78 looks like.

```
.text, #text, p{  
    color:#CA4C78  
}
```

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 #CA4C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4C78  
}
```

Border

The CSS property to change the border of an element to Hex CA4C78 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  
#CA4C78 }
```

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

```
.border{ border-color:#CA4C78 }
```

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

Here you see how a box with a 4 pixel #CA4C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4C78; -webkit-box-shadow:4px 4px  
4px 4px #CA4C78; box-shadow:4px 4px 4px  
4px #CA4C78 }
```

Background

The CSS property to change the background color of an element to Hex CA4C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4C78 }
```

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

```
.background{ background-color:#CA4C78 }
```

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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