

Converting Colors

Hex(CA729B)

Have a look what the booklet for
Hex(CA729B) contains.

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Color

Hex(CA729B)

Conversions

Conversions Part 1

Format	Color
Hex	CA729B
RGB	202, 114, 155
RGB Percent	79%, 45%, 61%
CMY	0.2078, 0.5529, 0.3922
CMYK	0.00, 0.44, 0.23, 0.21
HSL	332°, 45%, 62%
HSV	332°, 44%, 79%
XYZ	36.2908, 26.9577, 34.3010
YIQ	144.9860, 39.2870, 31.4070

Conversions

Conversions Part 2

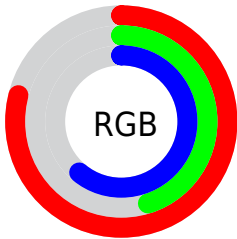
Format	Color
R _Y B	202, 114, 155
Decimal	13267611
CIE Lab	58.94, 39.74, -6.89
CIE LCh	59, 40.331, 350.168
Yxy	26.9577, 0.3720, 0.2763
Android (android.graphics.Color)	4291457691 (0xFFCA729B)
YUV	144.9860, 4.9369, 50.0013
Hunter-Lab	51.9208, 33.9037, -2.8247

Details

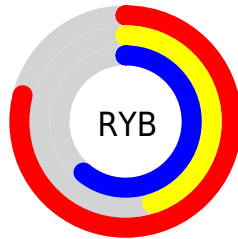
The Hex color **CA729B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72CAA1**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA8D1**, and **923F68** is the 20% darker color. If you saturate the color by 10%, you get **CA5E90**, and if you desaturate by 10%, it is **CA86A6**.

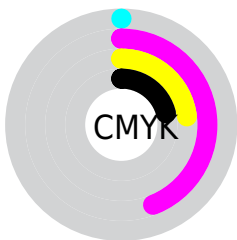
Distribution



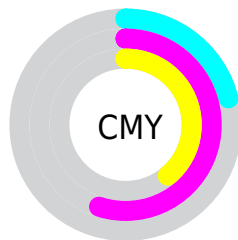
- Red (79%)
- Green (45%)
- Blue (61%)



- Red (79%)
- Yellow (45%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (23%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA729B 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 CA729B by changing the saturation by 10% instead.

CA729B

CA729B

FFFFFF

AE5881

FFA8D1

923F68

FFC3EE

772550

FFE0FF

5C0739

FFFDFF

420023

2D000E

000000

CA729B

CA729B

CA5E90

CA86A6

■ CA4A85

■ CA9AB1

■ CA357B

■ CAAFBB

■ CA2170

■ CAC3C6

■ CA0D65

■ CAD7D1

■ CA005E

■ CAEBDC

■ CAFFE7

■ CAFFF1

■ CAFFFC

Harmonies

Analogous

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



AE7CBB



CA729B



D17277

Triad

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



CA729B



8C9349



009DC3

Complementary

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



CA729B



72CAA1

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.



00A0A5



CA729B



639B5F

Square

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



CA729B



AE8847



289F81



3695D3

Rectangle

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



CA729B



CC7762



289F81



009EBA

Sweetspot

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



CA729B



FFDEED



A172CA



806B75



000000



808080

Same Dimension

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



CA729B



FF7AB8



CA7572



665C61



A6004D



260012

Inverse Universe

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



CA729B



FF7AB8



72C7CA



665C61



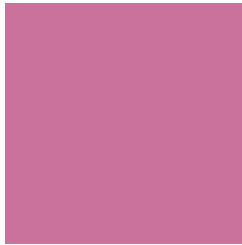
A6004D



260012

Previews

White Background



This preview shows how the Hex color CA729B 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 CA729B Background



This preview shows how black text looks on a background with the Hex color CA729B.



This preview shows how white text looks on a background with the Hex color CA729B.

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
C77780

Trichromacy



Original Color
CA729B



Protanomaly
9F83A6



Deuteranomaly
AA8198

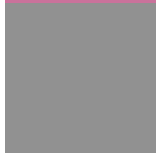


Tritanomaly
C8758A

Monochromacy



Original Color
CA729B



Achromatopsia
919191



Achromatomaly
A68695

CSS Examples

Text

The CSS property to change the color of the text to Hex CA729B 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 #CA729B looks like.

```
.text, #text, p{  
    color:#CA729B  
}
```

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 #CA729B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA729B
}
```

Border

The CSS property to change the border of an element to Hex CA729B 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
#CA729B }
```

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

```
.border{ border-color:#CA729B }
```

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

Here you see how a box with a 4 pixel #CA729B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA729B; -webkit-box-shadow:4px 4px  
4px 4px #CA729B; box-shadow:4px 4px 4px  
4px #CA729B }
```

Background

The CSS property to change the background color of an element to Hex CA729B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA729B }
```

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

```
.background{ background-color:#CA729B }
```

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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