

Converting Colors

Hex(CA90BE)

Have a look what the booklet for
Hex(CA90BE) contains.

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Color

Hex(CA90BE)

Conversions

Conversions Part 1

Format	Color
Hex	CA90BE
RGB	202, 144, 190
RGB Percent	79%, 56%, 75%
CMY	0.2078, 0.4353, 0.2549
CMYK	0.00, 0.29, 0.06, 0.21
HSL	312°, 35%, 68%
HSV	312°, 29%, 79%
XYZ	43.6246, 36.2208, 53.4072
YIQ	166.5860, 19.8020, 26.6020

Conversions

Conversions Part 2

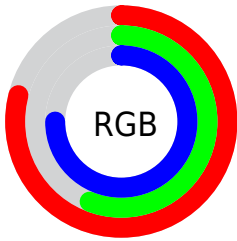
Format	Color
R _Y B	202, 144, 190
Decimal	13275326
CIE Lab	66.69, 29.27, -15.16
CIE LCh	67, 32.966, 332.616
Yxy	36.2208, 0.3274, 0.2718
Android (android.graphics.Color)	4291465406 (0xFFCA90BE)
YUV	166.5860, 11.5431, 31.0581
Hunter-Lab	60.1837, 24.0657, -10.4856

Details

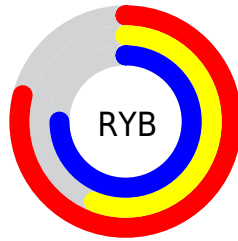
The Hex color **CA90BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90CA9C**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC6F6**, and **935D89** is the 20% darker color. If you saturate the color by 10%, you get **CA7CBA**, and if you desaturate by 10%, it is **CAA4C2**.

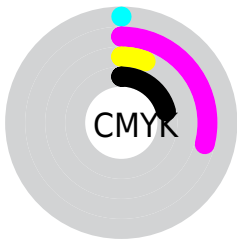
Distribution



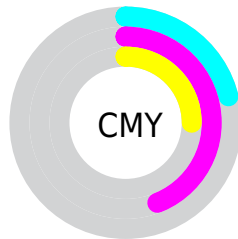
- Red (79%)
- Green (56%)
- Blue (75%)



- Red (79%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (29%)
- Yellow (6%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA90BE 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 CA90BE by changing the saturation by 10% instead.

CA90BE

CA90BE

FFFFFF

AE76A3

FFC6F6

935D89

FFE3FF

79446F

5F2D57

47153F

2F0029

170014

000000

CA90BE

CA90BE

■ CA7CBA

■ CAA4C2

■ CA68B6

■ CAB8C6

■ CA53B1

■ CACDCB

■ CA3FAD

■ CAE1CF

■ CA2BA9

■ CAF5D3

■ CA17A5

■ CAFFD7

■ CA03A1

■ CAFFDB

■ CA00A0

■ CAFFDF

■ CAFFE4

Harmonies

Analogous

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



A99AD4



CA90BE



DB8CA1

Triad

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



CA90BE



B4A167



37B1C1

Complementary

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



CA90BE



90CA9C

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.



4DB2A4



CA90BE



94AA6F

Square

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



CA90BE



CD976E



71B086



4FADD6

Rectangle

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



CA90BE



DD8D8D



71B086



3AB2B8

Sweetspot

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



CA90BE



FFE8FA



9C90CA



80717D



000000



808080

Same Dimension

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



CA90BE



FFA8ED



CA90A1



665C64



A60083



26001E

Inverse Universe

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



CA90BE



FFA8ED



90CAB9



665C64



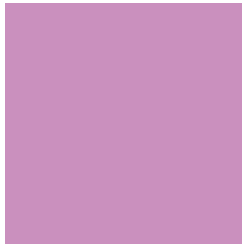
A60083



26001E

Previews

White Background



This preview shows how the Hex color CA90BE looks on a white background.

Color Contrast Check

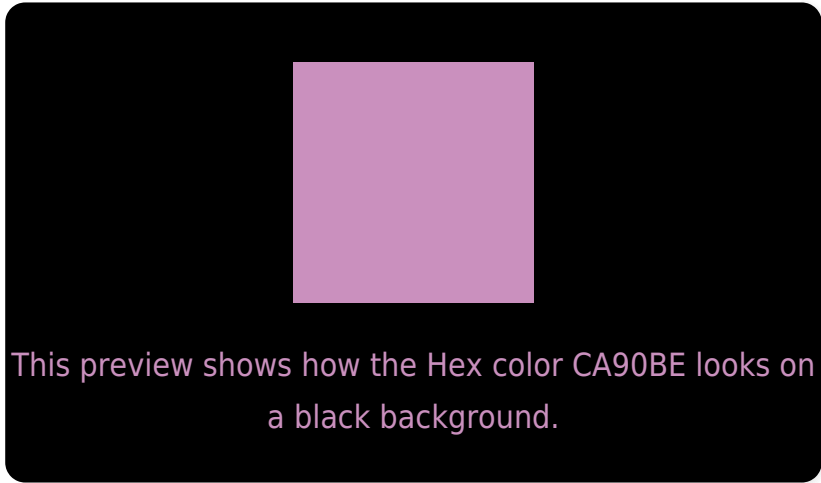
Large Text (above 18pt) WCAG AA × Fail

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

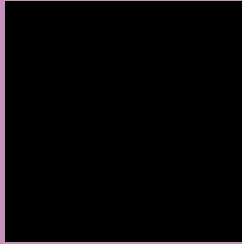
Any Text WCAG AA ✓ Pass

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 CA90BE Background



This preview shows how black text looks on a background with the Hex color CA90BE.

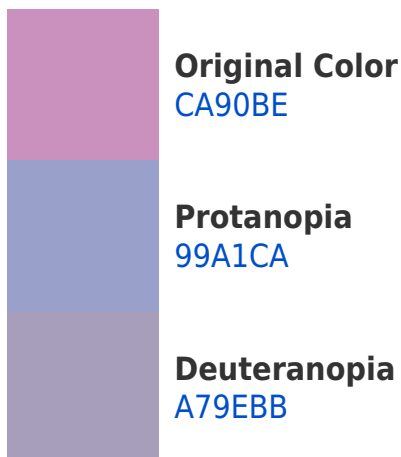


This preview shows how white text looks on a background with the Hex color CA90BE.

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
C695A1

Trichromacy



Original Color
CA90BE

Protanomaly
AB9BC6

Deuteranomaly
B499BC

Tritanomaly
C793AC

Monochromacy



Original Color
CA90BE

Achromatopsia
A7A7A7

Achromatomaly
B49FAF

CSS Examples

Text

The CSS property to change the color of the text to Hex CA90BE 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 #CA90BE looks like.

```
.text, #text, p{  
    color:#CA90BE  
}
```

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 #CA90BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA90BE
}
```

Border

The CSS property to change the border of an element to Hex CA90BE 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
#CA90BE }
```

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

```
.border{ border-color:#CA90BE }
```

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

Here you see how a box with a 4 pixel #CA90BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA90BE; -webkit-box-shadow:4px 4px  
4px 4px #CA90BE; box-shadow:4px 4px 4px  
4px #CA90BE }
```

Background

The CSS property to change the background color of an element to Hex CA90BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA90BE }
```

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

```
.background{ background-color:#CA90BE }
```

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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