

Converting Colors

Hex(C168A4)

Have a look what the booklet for
Hex(C168A4) contains.

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Color

Hex(C168A4)

Conversions

Conversions Part 1

Format	Color
Hex	C168A4
RGB	193, 104, 164
RGB Percent	76%, 41%, 64%
CMY	0.2431, 0.5922, 0.3569
CMYK	0.00, 0.46, 0.15, 0.24
HSL	320°, 42%, 58%
HSV	320°, 46%, 76%
XYZ	33.6435, 23.9184, 37.9655
YIQ	137.4510, 33.7840, 37.5280

Conversions

Conversions Part 2

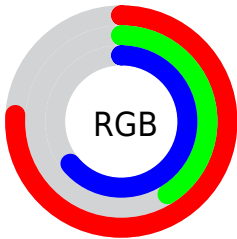
Format	Color
R_{YB}	193, 104, 164
Decimal	12675236
CIE _{Lab}	56.01, 43.32, -16.62
CIE _{LCh}	56, 46.399, 339.010
Yxy	23.9184, 0.3522, 0.2504
Android (android.graphics.Color)	4290865316 (0xFFC168A4)
YUV	137.4510, 13.0887, 48.7165
Hunter-Lab	48.9065, 37.2065, -11.7916

Details

The Hex color **C168A4** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **68C185**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FB9DDB**, and **893470** is the 20% darker color. If you saturate the color by 10%, you get **C1559E**, and if you desaturate by 10%, it is **C17BAA**.

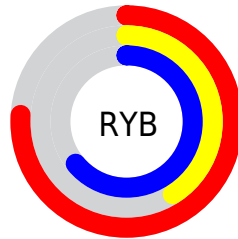
Distribution



Red (76%)

Green (41%)

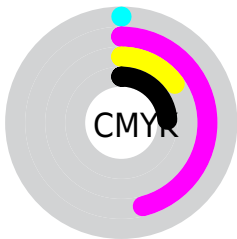
Blue (64%)



Red (76%)

Yellow (41%)

Blue (64%)

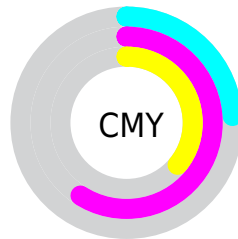


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (59%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color C168A4 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 C168A4 by changing the saturation by 10% instead.

 C168A4

 C168A4

FFFFFF

 A54E8A

 FB9DDB

 893470

 FFB9F8

 6F1958

 FFD5FF

 540040

 FFF2FF

 3B002A

 240015

 000000

 C168A4

 C168A4

 C1559E

 C17BAA

 C14197

 C18FB1

 C12E91

 C1A2B7

 C11B8B

 C1B5BD

 C10785

 C1C8C3

 C10082

 C1DCCA

 C1EFD0

 C1FFD6

 C1FFDD

Harmonies

Analogous

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



9977C5



C168A4



D1637C

Triad

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



C168A4



928832



0099B8

Complementary

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



C168A4



68C185

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.



009A92



C168A4



669245

Square

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



C168A4



B47A3A



249868



0092D1

Rectangle

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



C168A4



CF6761



249868



009AAC

Sweetspot

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



C168A4



FAD7EF



8468C1



7D6876



FCFCFC



7D7D7D

Same Dimension

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



C168A4



FA70CD



C16878



61575E



A1006C



210016

Inverse Universe

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



C168A4



FA70CD



68C1B1



61575E



A1006C



210016

Previews

White Background



This preview shows how the Hex color C168A4 looks on a white background.

Color Contrast Check

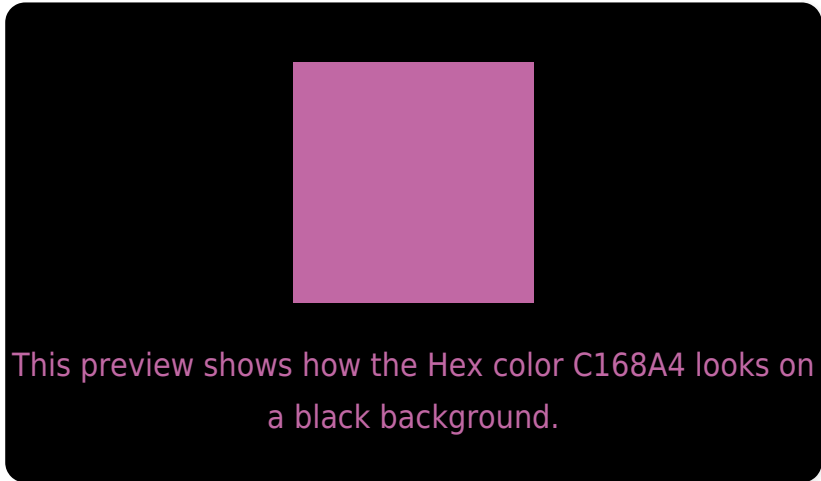
Large Text (above 18pt) WCAG AA ✓ Pass

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

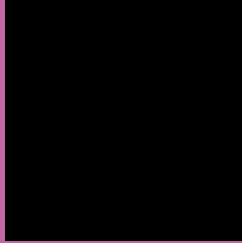
Any Text WCAG AA ✓ Pass

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 C168A4 Background



This preview shows how black text looks on a background with the Hex color C168A4.

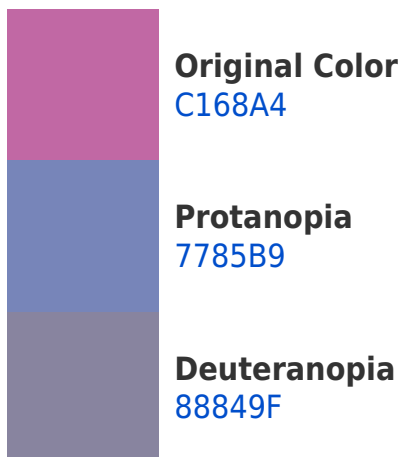


This preview shows how white text looks on a background with the Hex color C168A4.

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
BC7179

Trichromacy



Original Color
C168A4



Protanomaly
927AB1



Deuteranomaly
9D7AA1

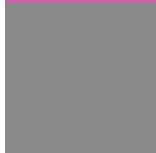


Tritanomaly
BE6E89

Monochromacy



Original Color
C168A4



Achromatopsia
898989



Achromatomaly
9D7D93

CSS Examples

Text

The CSS property to change the color of the text to Hex C168A4 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 #C168A4 looks like.

```
.text, #text, p{  
    color:#C168A4  
}
```

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 #C168A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C168A4
}
```

Border

The CSS property to change the border of an element to Hex C168A4 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
#C168A4 }
```

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

```
.border{ border-color:#C168A4 }
```

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

Here you see how a box with a 4 pixel #C168A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C168A4; -webkit-box-shadow:4px 4px  
4px 4px #C168A4; box-shadow:4px 4px 4px  
4px #C168A4 }
```

Background

The CSS property to change the background color of an element to Hex C168A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C168A4 }
```

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

```
.background{ background-color:#C168A4 }
```

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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