

Converting Colors

Hex(C16798)

Have a look what the booklet for
Hex(C16798) contains.

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Color

Hex(C16798)

Conversions

Conversions Part 1

Format	Color
Hex	C16798
RGB	193, 103, 152
RGB Percent	76%, 40%, 60%
CMY	0.2431, 0.5961, 0.4039
CMYK	0.00, 0.47, 0.21, 0.24
HSL	327°, 42%, 58%
HSV	327°, 47%, 76%
XYZ	32.5101, 23.3050, 32.4906
YIQ	135.4960, 37.9110, 34.3190

Conversions

Conversions Part 2

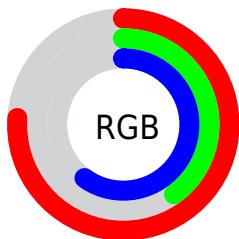
Format	Color
R_{YB}	193, 103, 152
Decimal	12674968
CIE _{Lab}	55.39, 41.98, -10.57
CIE _{LCh}	55, 43.290, 345.867
Yxy	23.3050, 0.3682, 0.2639
Android (android.graphics.Color)	4290865048 (0xFFC16798)
YUV	135.4960, 8.1365, 50.4310
Hunter-Lab	48.2752, 35.7260, -6.1112

Details

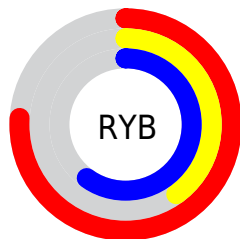
The Hex color **C16798** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67C190**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FB9CCE**, and **893465** is the 20% darker color. If you saturate the color by 10%, you get **C1548F**, and if you desaturate by 10%, it is **C17AA1**.

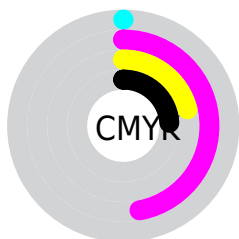
Distribution



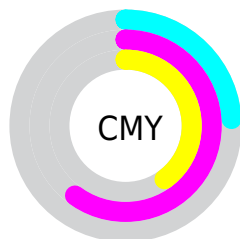
- Red (76%)
- Green (40%)
- Blue (60%)



- Red (76%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (24%)



- Cyan (24%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16798 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 C16798 by changing the saturation by 10% instead.

 C16798

 C16798

FFFFFF

 A54D7E

 FB9CCE

 893465

 FFB8EA

 6E194D

 FFD4FF

 540036

 FFF1FF

 3B0021

 230007

 000000

 C16798

 C16798

 C1548F

 C17AA1

 C14086

 C18EAA

 C12D7E

 C1A1B2

 C11A75

 C1B4BB

 C1076C

 C1C7C4

 C10069

 C1DBCD

 C1EED6

 C1FFDE

 C1FFE7

Harmonies

Analogous

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



A173B9



C16798



CB6572

Triad

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



C16798



878939



0095BA

Complementary

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



C16798



67C190

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.



009898



C16798



5D924E

Square

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



C16798



AA7C3A



159671



008ECD

Rectangle

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



C16798



C76B5B



159671



0096B0

Sweetspot

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



C16798



FAD7EA



9067C1



7D6873



FCFCFC



7D7D7D

Same Dimension

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



C16798



FA6EBA



C1676B



61575C



A10057



210012

Inverse Universe

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



C16798



FA6EBA



67C1BC



61575C



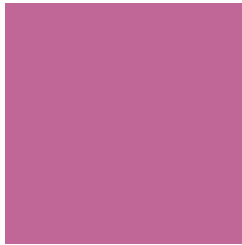
A10057



210012

Previews

White Background



This preview shows how the Hex color C16798 looks on a white background.

Color Contrast Check

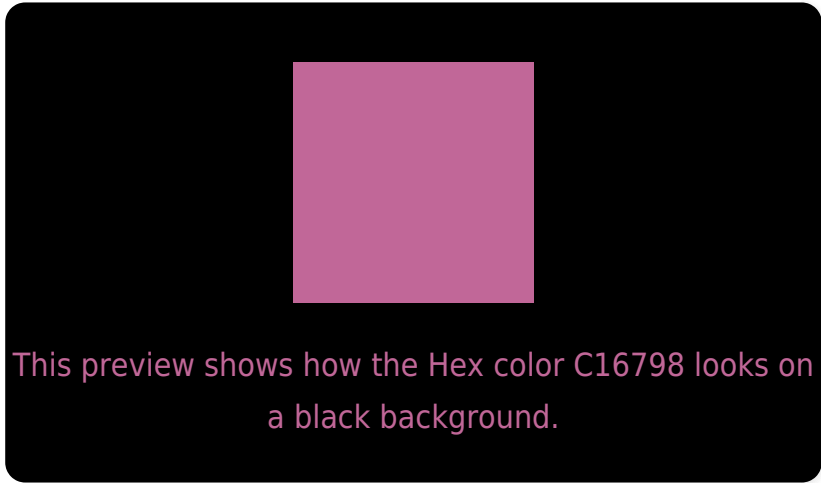
Large Text (above 18pt) WCAG AA ✓ Pass

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

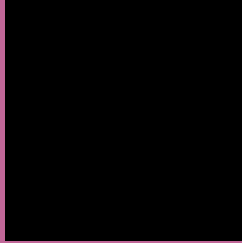
Any Text WCAG AA ✓ Pass

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 C16798 Background



This preview shows how black text looks on a background with the Hex color C16798.




This preview shows how white text looks on a background with the Hex color C16798.

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
BE6E76

Trichromacy



Original Color
C16798



Protanomaly
9479A4



Deuteranomaly
9F7895



Tritanomaly
BF6B82

Monochromacy



Original Color
C16798



Achromatopsia
878787



Achromatomaly
9C7B8D

CSS Examples

Text

The CSS property to change the color of the text to Hex C16798 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 #C16798 looks like.

```
.text, #text, p{  
    color:#C16798  
}
```

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 #C16798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16798
}
```

Border

The CSS property to change the border of an element to Hex C16798 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
#C16798 }
```

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

```
.border{ border-color:#C16798 }
```

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

Here you see how a box with a 4 pixel #C16798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16798; -webkit-box-shadow:4px 4px  
4px 4px #C16798; box-shadow:4px 4px 4px  
4px #C16798 }
```

Background

The CSS property to change the background color of an element to Hex C16798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16798 }
```

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

```
.background{ background-color:#C16798 }
```

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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