

Converting Colors

Hex(C16789)

Have a look what the booklet for
Hex(C16789) contains.

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Color

Hex(C16789)

Conversions

Conversions Part 1

Format	Color
Hex	C16789
RGB	193, 103, 137
RGB Percent	76%, 40%, 54%
CMY	0.2431, 0.5961, 0.4627
CMYK	0.00, 0.47, 0.29, 0.24
HSL	337°, 42%, 58%
HSV	337°, 47%, 76%
XYZ	31.3579, 22.8441, 26.4235
YIQ	133.7860, 42.7260, 29.6540

Conversions

Conversions Part 2

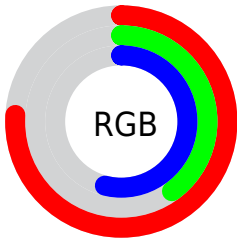
Format	Color
RYB	193, 103, 137
Decimal	12674953
CIELab	54.91, 39.84, -2.49
CIELCh	55, 39.918, 356.425
Yxy	22.8441, 0.3889, 0.2833
Android (android.graphics.Color)	4290865033 (0xFFC16789)
YUV	133.7860, 1.5845, 51.9307
Hunter-Lab	47.7955, 33.4691, 0.6786

Details

The Hex color **C16789** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67C19F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FB9CBE**, and **893457** is the 20% darker color. If you saturate the color by 10%, you get **C1547D**, and if you desaturate by 10%, it is **C17A95**.

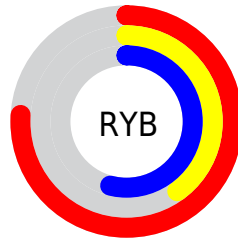
Distribution



Red (76%)

Green (40%)

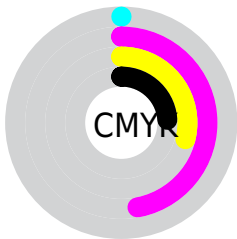
Blue (54%)



Red (76%)

Yellow (40%)

Blue (54%)

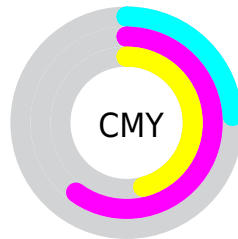


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16789 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 C16789 by changing the saturation by 10% instead.

 C16789

 C16789

FFFFFF

 A54D70

 FB9CBE

 893457

 FFB8DA

 6E1A40

 FFD4F7

 53002A

 FFF1FF

 3A0016

 200001

 000000

 C16789

 C16789

 C1547D

 C17A95

 C14071

 C18EA1

 C12D65

 C1A1AD

 C11A59

 C1B4B9

 C1074D

 C1C7C5

 C10049

 C1DBD1

 C1EEDD

 C1FFE9

 C1FFF5

Harmonies

Analogous

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



AA6FAA



C16789



C46967

Triad

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



C16789



798B43



0091BC

Complementary

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



C16789



67C19F

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.



0095A1



C16789



4F915C

Square

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



C16789



9C803D



00957E



3D88C8

Rectangle

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



C16789



BC7053



00957E



0092B5

Sweetspot

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



C16789



FAD7E4



9F67C1



7D6870



FCFCFC



7D7D7D

Same Dimension

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



C16789



FA6EA3



C17267



61575B



A1003D



21000D

Inverse Universe

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



C16789



FA6EA3



67B6C1



61575B



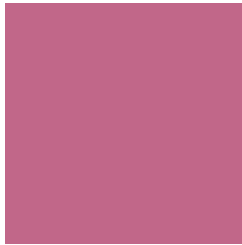
A1003D



21000D

Previews

White Background



This preview shows how the Hex color C16789 looks on a white background.

Color Contrast Check

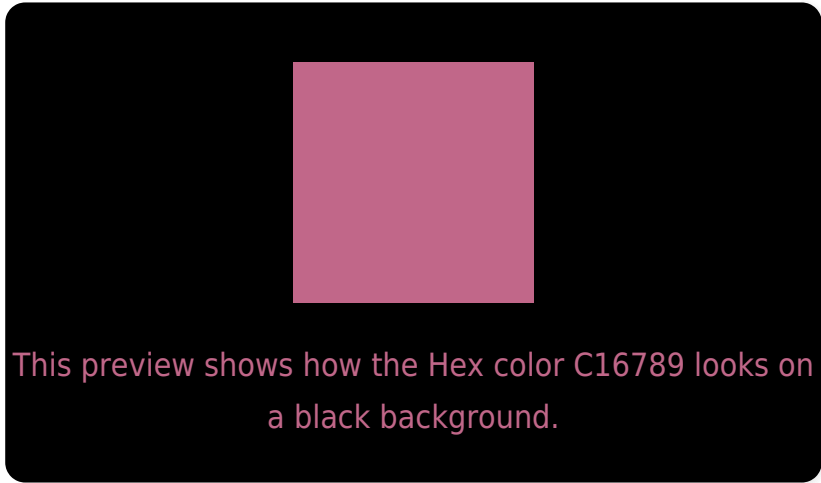
Large Text (above 18pt) WCAG AA ✓ Pass

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 C16789 Background



This preview shows how black text looks on a background with the Hex color C16789.




This preview shows how white text looks on a background with the Hex color C16789.

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](#).

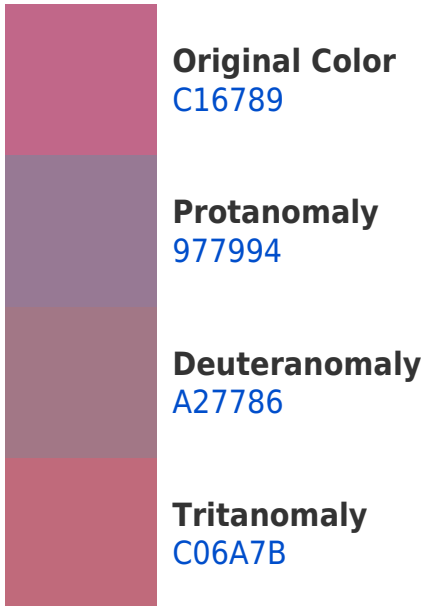
Dichromacy





Tritanopia
BF6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C16789 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 #C16789 looks like.

```
.text, #text, p{  
    color:#C16789  
}
```

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 #C16789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16789
}
```

Border

The CSS property to change the border of an element to Hex C16789 is called "border". The border property can be set on classes, ids or directly on the HTML element.

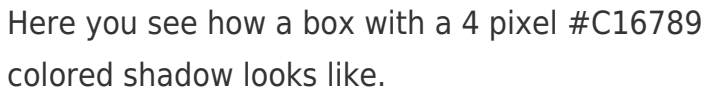
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C16789 }
```

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

```
.border{ border-color:#C16789 }
```

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



Here you see how a box with a 4 pixel #C16789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16789; -webkit-box-shadow:4px 4px  
4px 4px #C16789; box-shadow:4px 4px 4px  
4px #C16789 }
```

Background

The CSS property to change the background color of an element to Hex C16789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16789 }
```

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

```
.background{ background-color:#C16789 }
```

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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