

Converting Colors

Hex(C16CC6)

Have a look what the booklet for
Hex(C16CC6) contains.

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Color

Hex(C16CC6)

Conversions

Conversions Part 1

Format	Color
Hex	C16CC6
RGB	193, 108, 198
RGB Percent	76%, 42%, 78%
CMY	0.2431, 0.5765, 0.2235
CMYK	0.03, 0.45, 0.00, 0.22
HSL	297°, 44%, 60%
HSV	297°, 45%, 78%
XYZ	37.5479, 26.1398, 56.4926
YIQ	143.6750, 21.7700, 46.0100

Conversions

Conversions Part 2

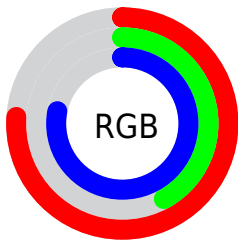
Format	Color
RYB	193, 108, 198
Decimal	12676294
CIELab	58.17, 47.18, -32.83
CIELCh	58, 57.478, 325.167
Yxy	26.1398, 0.3124, 0.2175
Android (android.graphics.Color)	4290866374 (0xFFC16CC6)
YUV	143.6750, 26.7822, 43.2580
Hunter-Lab	51.1271, 41.6186, -29.7232

Details

The Hex color **C16CC6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **71C66C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FBA2FF**, and **893890** is the 20% darker color. If you saturate the color by 10%, you get **C058C6**, and if you desaturate by 10%, it is **C280C6**.

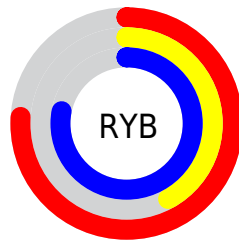
Distribution



Red (76%)

Green (42%)

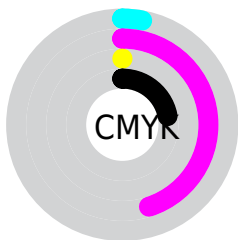
Blue (78%)



Red (76%)

Yellow (42%)

Blue (78%)

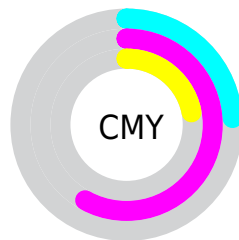


Cyan (3%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (58%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C16CC6 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 C16CC6 by changing the saturation by 10% instead.

 C16CC6

 C16CC6

FFFFFF

 A552AB

 FBA2FF

 893890

 FFBEFF

 6F1D76

 FFDAFF

 54005D

 FFF7FF

 3B0045

 25002E

 000118

 000000

 C16CC6

 C16CC6

 C058C6

 C280C6

 BF44C6

 C394C6

 BE31C6

 C4A7C6

 BD1DC6

 C5BBC6

 BC09C6

 C7CFC6

 BB00C6

 C8E3C6

 C9F7C6

 CAFFC6

 CBFFC6

Harmonies

Analogous

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



7E82E7



C16CC6



E25D96

Triad

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



C16CC6



AD871C



00A4B5

Complementary

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



C16CC6



71C66C

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.



00A382



C16CC6



7C9627

Square

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



C16CC6



D27339



379F4F



009FDE

Rectangle

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



C16CC6



E75D74



379F4F



00A4A5

Sweetspot

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



C16CC6



FDDBF9



6C72C6



7E6A80



000000



808080

Same Dimension

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



C16CC6



F773FF



C66C9F



635A63



9A00A3



220024

Inverse Universe

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



C66C71



FF737B



6CC693



635A5A



A30009



240002

Previews

White Background



This preview shows how the Hex color C16CC6 looks on a white background.

Color Contrast Check

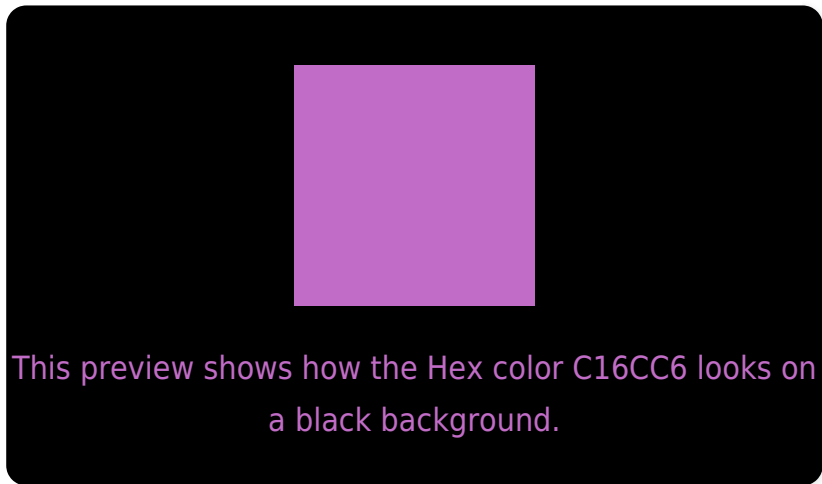
Large Text (above 18pt) WCAG AA ✓ Pass

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

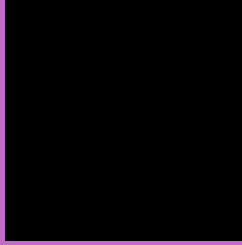
Any Text WCAG AA ✓ Pass

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 C16CC6 Background



This preview shows how black text looks on a background with the Hex color C16CC6.

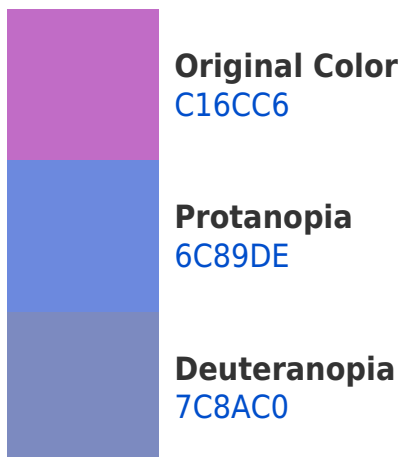


This preview shows how white text looks on a background with the Hex color C16CC6.

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
B87B84

Trichromacy



Original Color
C16CC6



Protanomaly
8B7ED5



Deuteranomaly
957FC2



Tritanomaly
BB769C

Monochromacy



Original Color
C16CC6



Achromatopsia
909090



Achromatomaly
A283A4

CSS Examples

Text

The CSS property to change the color of the text to Hex C16CC6 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 #C16CC6 looks like.

```
.text, #text, p{  
    color:#C16CC6  
}
```

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 #C16CC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C16CC6
}
```

Border

The CSS property to change the border of an element to Hex C16CC6 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
#C16CC6 }
```

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

```
.border{ border-color:#C16CC6 }
```

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

Here you see how a box with a 4 pixel #C16CC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C16CC6; -webkit-box-shadow:4px 4px  
4px 4px #C16CC6; box-shadow:4px 4px 4px  
4px #C16CC6 }
```

Background

The CSS property to change the background color of an element to Hex C16CC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C16CC6 }
```

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

```
.background{ background-color:#C16CC6 }
```

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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