

Converting Colors

Hex(D16CB2)

Have a look what the booklet for
Hex(D16CB2) contains.

Hex(D16CB2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D16CB2)

Conversions

Conversions Part 1

Format	Color
Hex	D16CB2
RGB	209, 108, 178
RGB Percent	82%, 42%, 70%
CMY	0.1804, 0.5765, 0.3020
CMYK	0.00, 0.48, 0.15, 0.18
HSL	318°, 52%, 62%
HSV	318°, 48%, 82%
XYZ	39.6929, 27.4948, 45.3345
YIQ	146.1790, 37.7260, 43.1820

Conversions

Conversions Part 2

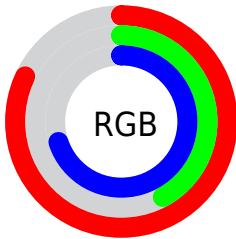
Format	Color
R _{YB}	209, 108, 178
Decimal	13724850
CIE Lab	59.43, 48.61, -19.29
CIE LCh	59, 52.295, 338.351
Yxy	27.4948, 0.3528, 0.2443
Android (android.graphics.Color)	4291914930 (0xFFD16CB2)
YUV	146.1790, 15.6878, 55.0940
Hunter-Lab	52.4355, 43.3600, -14.5559

Details

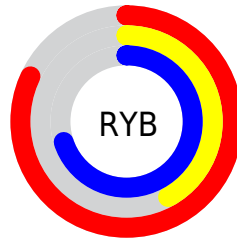
The Hex color **D16CB2** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CD18B**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA2EA**, and **98377D** is the 20% darker color. If you saturate the color by 10%, you get **D157AC**, and if you desaturate by 10%, it is **D181B8**.

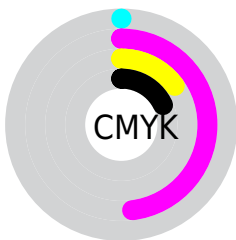
Distribution



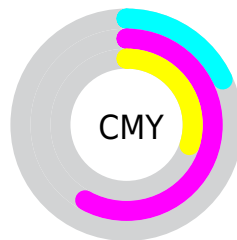
- Red (82%)
- Green (42%)
- Blue (70%)



- Red (82%)
- Yellow (42%)
- Blue (70%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (18%)




- Cyan (18%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16CB2 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 D16CB2 by changing the saturation by 10% instead.

 D16CB2

 D16CB2

FFFFFF

 B45297

 FFA2EA

 98377D

 FFBEFF

 7D1A64

 FFDBFF

 62004C

 FFF8FF

 480035

 310020

 070003

 000000

 D16CB2

 D16CB2

 D157AC

 D181B8

 D142A5

 D196BF

 D12D9F

 D1ABC5

 D11898

 D1C0CC

 D10492

 D1D5D2

 D10091

 D1E9D8

 D1FEDF

 D1FFE5

 D1FFEC

Harmonies

Analogous

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



A37ED8



D16CB2



E36684

Triad

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



D16CB2



9C912D



00A4C7

Complementary

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



D16CB2



6CD18B

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.



00A69B



D16CB2



6B9D43

Square

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



D16CB2



C38138



12A36B



009DE4

Rectangle

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



D16CB2



E26B66



12A36B



00A5B9

Sweetspot

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



D16CB2



FFDBF4



8A6CD1



806A79



000000



808080

Same Dimension

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



D16CB2



FF6BD2



D16C80



695E65



A80075



29001C

Inverse Universe

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



D16CB2



FF6BD2



6CD1BD



695E65



A80075



29001C

Previews

White Background



This preview shows how the Hex color D16CB2 looks on a white background.

Color Contrast Check

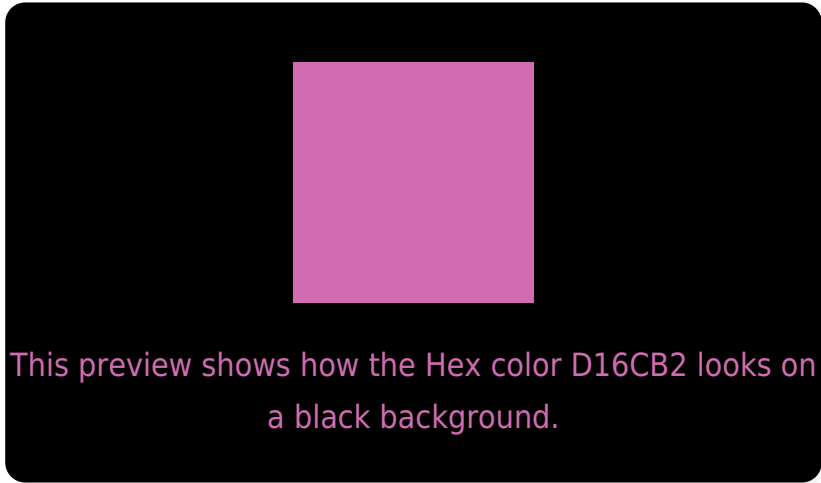
Large Text (above 18pt) WCAG AA ✓ Pass

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 D16CB2 Background



This preview shows how black text looks on a background with the Hex color D16CB2.

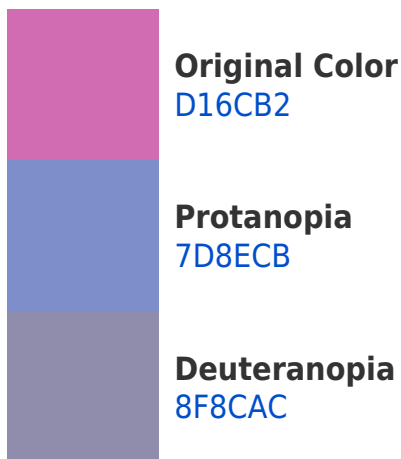


This preview shows how white text looks on a background with the Hex color D16CB2.

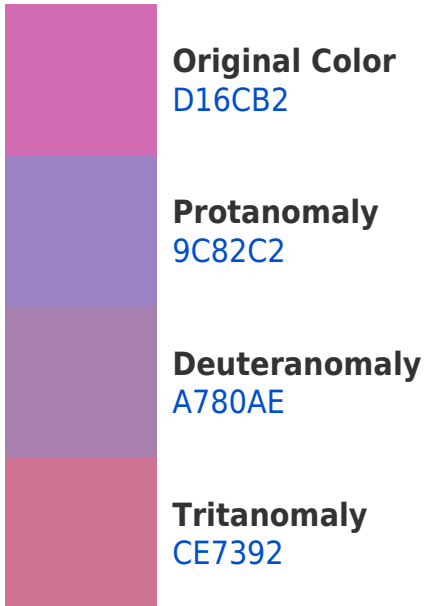
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16CB2 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 #D16CB2 looks like.

```
.text, #text, p{  
    color:#D16CB2  
}
```

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 #D16CB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16CB2
}
```

Border

The CSS property to change the border of an element to Hex D16CB2 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
#D16CB2 }
```

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

```
.border{ border-color:#D16CB2 }
```

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

Here you see how a box with a 4 pixel #D16CB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16CB2; -webkit-box-shadow:4px 4px  
4px 4px #D16CB2; box-shadow:4px 4px 4px  
4px #D16CB2 }
```

Background

The CSS property to change the background color of an element to Hex D16CB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16CB2 }
```

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

```
.background{ background-color:#D16CB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor