

Converting Colors

Hex(D46CB1)

Have a look what the booklet for
Hex(D46CB1) contains.

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Color

Hex(D46CB1)

Conversions

Conversions Part 1

Format	Color
Hex	D46CB1
RGB	212, 108, 177
RGB Percent	83%, 42%, 69%
CMY	0.1686, 0.5765, 0.3059
CMYK	0.00, 0.49, 0.17, 0.17
HSL	320°, 55%, 63%
HSV	320°, 49%, 83%
XYZ	40.4498, 27.8965, 44.8476
YIQ	146.9620, 39.8350, 43.5070

Conversions

Conversions Part 2

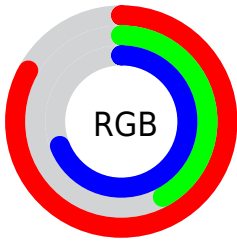
Format	Color
R_{YB}	212, 108, 177
Decimal	13921457
CIE _{Lab}	59.80, 49.39, -18.13
CIE _{LCh}	60, 52.611, 339.848
Yxy	27.8965, 0.3573, 0.2464
Android (android.graphics.Color)	4292111537 (0xFFD46CB1)
YUV	146.9620, 14.8087, 57.0383
Hunter-Lab	52.8171, 44.2734, -13.3718

Details

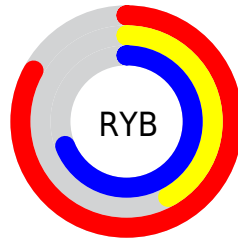
The Hex color **D46CB1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6CD48F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA2E9**, and **9B377C** is the 20% darker color. If you saturate the color by 10%, you get **D457AA**, and if you desaturate by 10%, it is **D481B8**.

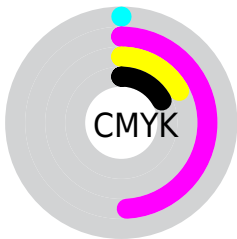
Distribution



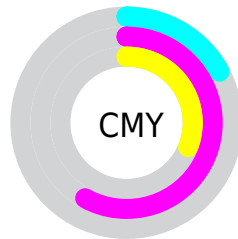
- Red (83%)
- Green (42%)
- Blue (69%)



- Red (83%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (49%)
- Yellow (17%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color D46CB1 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 D46CB1 by changing the saturation by 10% instead.

 D46CB1

 D46CB1

FFFFFF

 B75196

 FFA2E9

 9B377C

 FFBEFF

 7F1963

 FFDBFF

 64004B

 FFF8FF

 4A0034

 330020

 0D0002

 000000

 D46CB1

 D46CB1

 D457AA

 D481B8

 D442A3

 D496BF

 D42C9C

 D4ACC6

 D41794

 D4C1CE

 D4028D

 D4D6D5

 D4008D

 D4EBDC

 D4FFE3

 D4FFEA

 D4FFF1

Harmonies

Analogous

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



A77DD8



D46CB1



E56683

Triad

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



D46CB1



9B932E



00A5CA

Complementary

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



D46CB1



6CD48F

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.



00A79E



D46CB1



699E45

Square

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



D46CB1



C38237



00A56E



009EE7

Rectangle

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



D46CB1



E36C65



00A56E



00A6BD

Sweetspot

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



D46CB1



FFD9F2



8F6CD4



806978



000000



808080

Same Dimension

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



D46CB1



FF69CC



D46C7D



6B6067



AB0071



2B001D

Inverse Universe

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



D46CB1



FF69CC



6CD4C3



6B6067



AB0071



2B001D

Previews

White Background



This preview shows how the Hex color D46CB1 looks on a white background.

Color Contrast Check

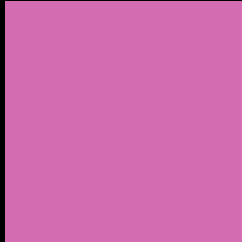
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D46CB1 looks on a 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 D46CB1 Background



This preview shows how black text looks on a background with the Hex color D46CB1.

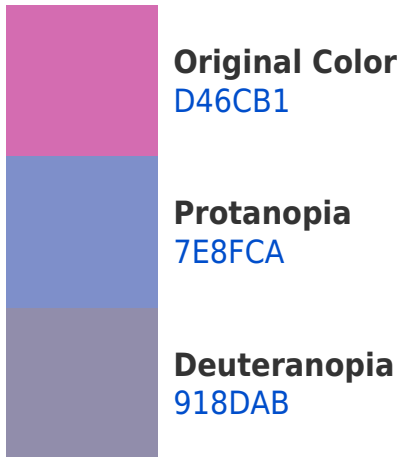



This preview shows how white text looks on a background with the Hex color D46CB1.

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
CF777F

Trichromacy



Original Color
D46CB1



Protanomaly
9D82C1



Deuteranomaly
A981AD

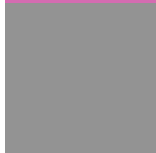


Tritanomaly
D17391

Monochromacy



Original Color
D46CB1



Achromatopsia
939393



Achromatomaly
AB859E

CSS Examples

Text

The CSS property to change the color of the text to Hex D46CB1 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 #D46CB1 looks like.

```
.text, #text, p{  
    color:#D46CB1  
}
```

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 #D46CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46CB1
}
```

Border

The CSS property to change the border of an element to Hex D46CB1 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
#D46CB1 }
```

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

```
.border{ border-color:#D46CB1 }
```

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

Here you see how a box with a 4 pixel #D46CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46CB1; -webkit-box-shadow:4px 4px  
4px 4px #D46CB1; box-shadow:4px 4px 4px  
4px #D46CB1 }
```

Background

The CSS property to change the background color of an element to Hex D46CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46CB1 }
```

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

```
.background{ background-color:#D46CB1 }
```

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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