

# Converting Colors

Hex(D96DCB)

Have a look what the booklet for  
Hex(D96DCB) contains.

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# Color

Hex(D96DCB)

# Conversions

## Conversions Part 1

Format	Color
Hex	D96DCB
RGB	217, 109, 203
RGB Percent	85%, 43%, 80%
CMY	0.1490, 0.5725, 0.2039
CMYK	0.00, 0.50, 0.06, 0.15
HSL	308°, 59%, 64%
HSV	308°, 50%, 85%
XYZ	44.8634, 30.0008, 59.9261
YIQ	152.0080, 34.1940, 52.1300

# Conversions

## Conversions Part 2

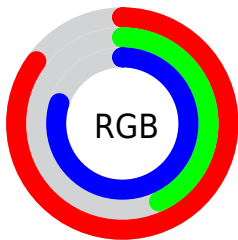
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 109, 203
Decimal	14249419
CIE <sub>Lab</sub>	61.65, 54.58, -30.01
CIE <sub>LCh</sub>	62, 62.291, 331.195
Yxy	30.0008, 0.3328, 0.2226
Android (android.graphics.Color)	4292439499 (0xFFD96DCB)
YUV	152.0080, 25.1391, 56.9980
Hunter-Lab	54.7730, 50.3529, -26.5270

# Details

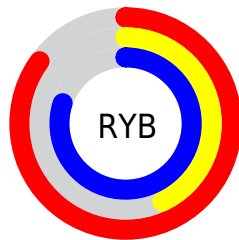
The Hex color **D96DCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6DD97B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA4FF**, and **A03695** is the 20% darker color. If you saturate the color by 10%, you get **D957C8**, and if you desaturate by 10%, it is **D983CE**.

# Distribution



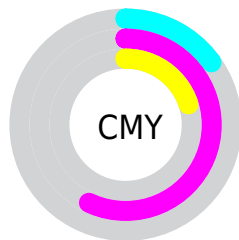
- Red (85%)
- Green (43%)
- Blue (80%)



- Red (85%)
- Yellow (43%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (57%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D96DCB 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 D96DCB by changing the saturation by 10% instead.



 D96DCB

 D96DCB

FFFFFF

 BC52AF

 FFA4FF

 A03695

 FFC0FF

 84177B

 FFDDFF

 690061

 FFFAFF

 4E0049

 360032

 18001C

 000000

 D96DCB

 D96DCB

 D957C8

 D983CE

 D942C5

 D998D1

 D92CC3

 D9AED3

 D916C0

 D9C4D6

 D900BD

 D9DAD9

 D9EFDC

 D9FFDF

 D9FFE2

 D9FFE4

# Harmonies

## Analogous

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



9785F4



D96DCB



F65F95

# Triad

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



D96DCB



AF9315



00AECD

# Complementary

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



D96DCB



6DD97B

# 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.



00AF96



D96DCB



77A22D

# Square

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



D96DCB



DA7E31



0EAB5D



00A8F5

# Rectangle

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



D96DCB



F86370



0EAB5D



00AFBB



# Sweetspot

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



D96DCB



FFD9FA



7A6DD9



80697D



000000



808080



# Same Dimension

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



D96DCB



FF66EB



D96D96



6E636C



AD0097



2E0028



# Inverse Universe

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



D96DCB



FF66EB



6DD9B0



6E636C



AD0097

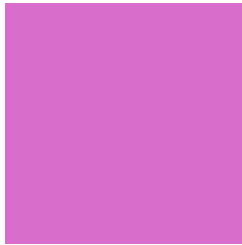


2E0028



# Previews

## White Background



This preview shows how the Hex color D96DCB 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D96DCB Background



This preview shows how black text looks on a background with the Hex color D96DCB.

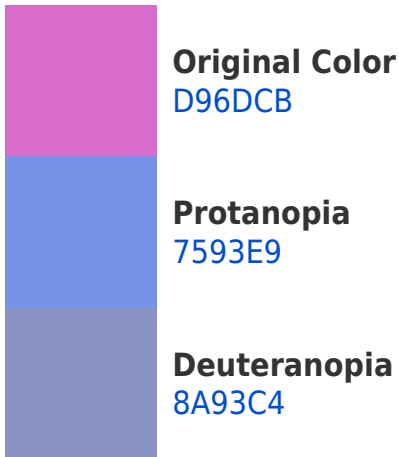



This preview shows how white text looks on a background with the Hex color D96DCB.

# 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**  
D17D86

# Trichromacy



**Original Color**  
D96DCB



**Protanomaly**  
9985DE



**Deuteranomaly**  
A785C7

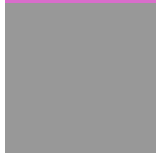


**Tritanomaly**  
D4779F

# Monochromacy



**Original Color**  
D96DCB



**Achromatopsia**  
989898



**Achromatomaly**  
B088AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D96DCB 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 #D96DCB looks like.

```
.text, #text, p{  
    color:#D96DCB  
}
```

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 #D96DCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D96DCB
}
```

## Border

The CSS property to change the border of an element to Hex D96DCB 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
#D96DCB }
```

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

```
.border{ border-color:#D96DCB }
```

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

Here you see how a box with a 4 pixel #D96DCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D96DCB; -webkit-box-shadow:4px 4px  
4px 4px #D96DCB; box-shadow:4px 4px 4px  
4px #D96DCB }
```

# Background

The CSS property to change the background color of an element to Hex D96DCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D96DCB }
```

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

```
.background{ background-color:#D96DCB }
```

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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