

# Converting Colors

Hex(D76BBC)

Have a look what the booklet for  
Hex(D76BBC) contains.

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# Color

**Hex(D76BBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D76BBC
RGB	215, 107, 188
RGB Percent	84%, 42%, 74%
CMY	0.1569, 0.5804, 0.2627
CMYK	0.00, 0.50, 0.13, 0.16
HSL	315°, 57%, 63%
HSV	315°, 50%, 84%
XYZ	42.3591, 28.5933, 50.8634
YIQ	148.5260, 38.3670, 48.0870

# Conversions

## Conversions Part 2

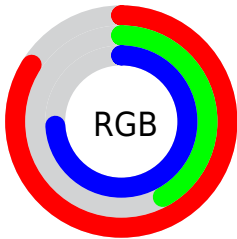
Format	Color
R <sub>Y</sub> B	215, 107, 188
Decimal	14117820
CIE Lab	60.42, 52.52, -23.42
CIE LCh	60, 57.506, 335.964
Yxy	28.5933, 0.3477, 0.2347
Android (android.graphics.Color)	4292307900 (0xFFD76BBC)
YUV	148.5260, 19.4607, 58.2977
Hunter-Lab	53.4727, 47.8240, -18.9660

# Details

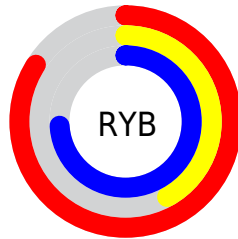
The Hex color **D76BBC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BD786**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA2F4**, and **9E3587** is the 20% darker color. If you saturate the color by 10%, you get **D756B7**, and if you desaturate by 10%, it is **D781C1**.

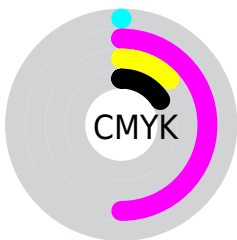
# Distribution



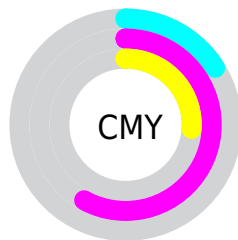
- Red (84%)
- Green (42%)
- Blue (74%)



- Red (84%)
- Yellow (42%)
- Blue (74%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D76BBC 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 D76BBC by changing the saturation by 10% instead.



 D76BBC

 D76BBC

FFFFFF

 BA50A1

 FFA2F4

 9E3587

 FFBEFF

 82156D

 FFDBFF

 670055

 FFF8FF

 4C003D

 350027

 130010

 000000

 D76BBC

 D76BBC

 D756B7

 D781C1

 D740B1

 D796C7

 D72AAC

 D7ACCC

 D715A7

 D7C1D2

 D700A1

 D7D7D7

 D7ECDC

 D7FFE2

 D7FFE7

 D7FFEC

# Harmonies

## Analogous

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



A180E4



D76BBC



ED628A

# Triad

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



D76BBC



A39222



00A9CC

# Complementary

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



D76BBC



6BD786

# 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.



00AA9B



D76BBC



6EA03A

# Square

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



D76BBC



CD8032



00A766



00A2EE

# Rectangle

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



D76BBC



EC6768



00A766



00AABD



# Sweetspot

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



D76BBC



FFD9F5



866BD7



80697A



000000



808080



# Same Dimension

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



D76BBC



FF66D9



D76B86



6B6068



AB0080



2B0021



# Inverse Universe

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



D76BBC



FF66D9



6BD7BC



6B6068



AB0080



2B0021



# Previews

## White Background



This preview shows how the Hex color D76BBC looks on a white background.

## Color Contrast Check

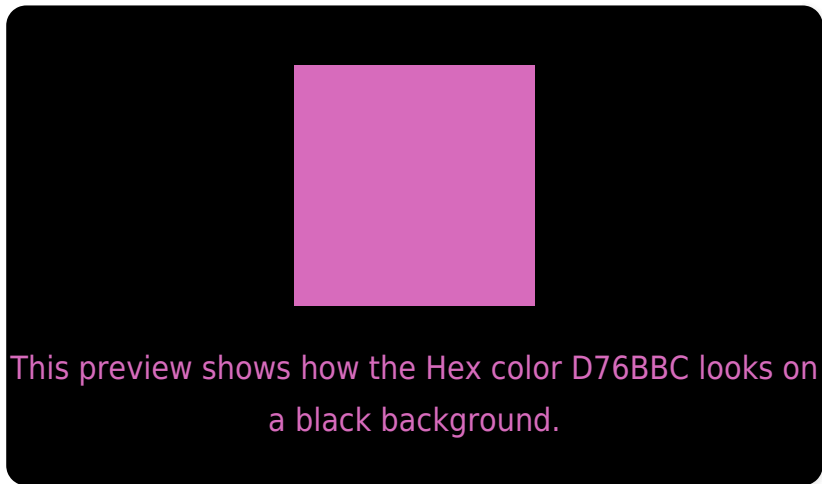
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76BBC Background



This preview shows how black text looks on a background with the Hex color D76BBC.

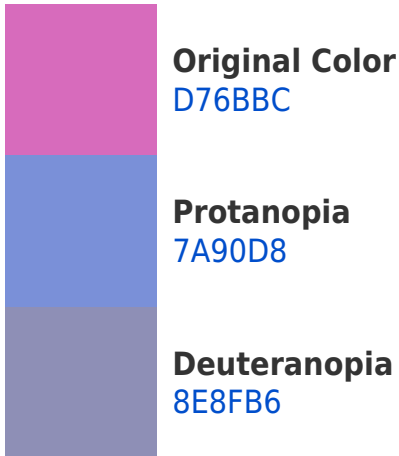



This preview shows how white text looks on a background with the Hex color D76BBC.

# 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**  
D17881

# Trichromacy



**Original Color**  
D76BBC



**Protanomaly**  
9C83CE



**Deuteranomaly**  
A982B8

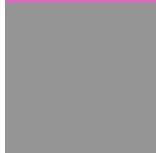


**Tritanomaly**  
D37396

# Monochromacy



**Original Color**  
D76BBC



**Achromatopsia**  
959595



**Achromatomaly**  
AD86A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D76BBC 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 #D76BBC looks like.

```
.text, #text, p{  
    color:#D76BBC  
}
```

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 #D76BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76BBC
}
```

## Border

The CSS property to change the border of an element to Hex D76BBC 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
#D76BBC }
```

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

```
.border{ border-color:#D76BBC }
```

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

Here you see how a box with a 4 pixel #D76BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76BBC; -webkit-box-shadow:4px 4px  
4px 4px #D76BBC; box-shadow:4px 4px 4px  
4px #D76BBC }
```

# Background

The CSS property to change the background color of an element to Hex D76BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76BBC }
```

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

```
.background{ background-color:#D76BBC }
```

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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