

# Converting Colors

Hex(D46B8B)

Have a look what the booklet for  
Hex(D46B8B) contains.

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# **Color**

**Hex(D46B8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D46B8B
RGB	212, 107, 139
RGB Percent	83%, 42%, 55%
CMY	0.1686, 0.5804, 0.4549
CMYK	0.00, 0.50, 0.34, 0.17
HSL	342°, 55%, 63%
HSV	342°, 50%, 83%
XYZ	37.0693, 26.3765, 27.5635
YIQ	142.0430, 52.3080, 32.2120

# Conversions

## Conversions Part 2

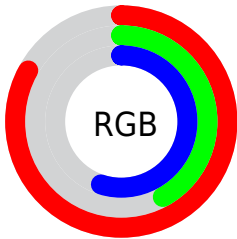
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	212, 107, 139
Decimal	13921163
CIE Lab	58.39, 44.65, 1.74
CIE LCh	58, 44.686, 2.237
Yxy	26.3765, 0.4073, 0.2898
Android (android.graphics.Color)	4292111243 (0xFFD46B8B)
YUV	142.0430, -1.5002, 61.3523
Hunter-Lab	51.3581, 38.9612, 4.1301

# Details

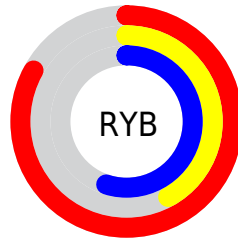
The Hex color **D46B8B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6BD4B4**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA1C0**, and **9A3759** is the 20% darker color. If you saturate the color by 10%, you get **D4567C**, and if you desaturate by 10%, it is **D4809A**.

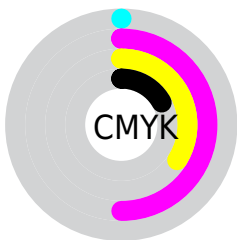
# Distribution



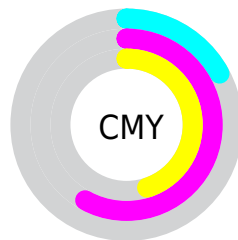
- Red (83%)
- Green (42%)
- Blue (55%)



- Red (83%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (17%)



- Cyan (17%)
- Magenta (58%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D46B8B 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 D46B8B by changing the saturation by 10% instead.



 D46B8B

 D46B8B

FFFFFF

 B75172

 FFA1C0

 9A3759

 FFBDDC

 7E1B42

 FFD9F9

 63002C

 FFF6FF

 480018

 300002

 000000

 D46B8B

 D46B8B

 D4567C

 D4809A

 D4416E

 D495A8

 D42B5F

 D4ABB7

 D41650

 D4C0C6

 D40141

 D4D5D5

 D40041

 D4EAE3

 D4FFF2

 D4FFFF

# Harmonies

## Analogous

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



BF72B2



D46B8B



D37065

# Triad

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



D46B8B



789647



009AD1

# Complementary

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



D46B8B



6BD4B4

# 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.



009FB5



D46B8B



449D66

# Square

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



D46B8B



A18B3B



00A08E



4B90DA

# Rectangle

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



D46B8B



C87850



00A08E



009CC9



# Sweetspot

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



D46B8B



FFD9E4



B36BD4



806970



000000



808080



# Same Dimension

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



D46B8B



FF6996



D47E6B



6B6064



AB0034



2B000D



# Inverse Universe

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



D46B8B



FF6996



6BC1D4



6B6064



AB0034



2B000D



# Previews

## White Background



This preview shows how the Hex color D46B8B looks on a white background.

## Color Contrast Check

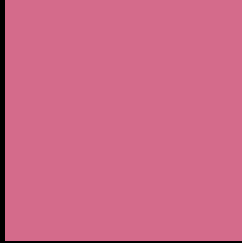
Large Text (above 18pt) WCAG AA ✓ Pass

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 D46B8B 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 D46B8B Background



This preview shows how black text looks on a background with the Hex color D46B8B.



This preview shows how white text looks on a background with the Hex color D46B8B.

# 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**  
D26F77

# Trichromacy



**Original Color**  
D46B8B



**Protanomaly**  
A58098



**Deuteranomaly**  
B17D88

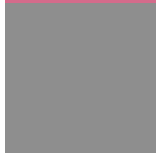


**Tritanomaly**  
D36E7E

# Monochromacy



**Original Color**  
D46B8B



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
A7818D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D46B8B 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 #D46B8B looks like.

```
.text, #text, p{  
    color:#D46B8B  
}
```

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 #D46B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D46B8B
}
```

## Border

The CSS property to change the border of an element to Hex D46B8B 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
#D46B8B }
```

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

```
.border{ border-color:#D46B8B }
```

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

Here you see how a box with a 4 pixel #D46B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D46B8B; -webkit-box-shadow:4px 4px  
4px 4px #D46B8B; box-shadow:4px 4px 4px  
4px #D46B8B }
```

# Background

The CSS property to change the background color of an element to Hex D46B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D46B8B }
```

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

```
.background{ background-color:#D46B8B }
```

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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