

# Converting Colors

Hex(D266B6)

Have a look what the booklet for  
Hex(D266B6) contains.

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# Color

**Hex(D266B6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D266B6
RGB	210, 102, 182
RGB Percent	82%, 40%, 71%
CMY	0.1765, 0.6000, 0.2863
CMYK	0.00, 0.51, 0.13, 0.18
HSL	316°, 55%, 61%
HSV	316°, 51%, 82%
XYZ	39.7732, 26.5818, 47.2905
YIQ	143.4120, 38.6880, 47.7760

# Conversions

## Conversions Part 2

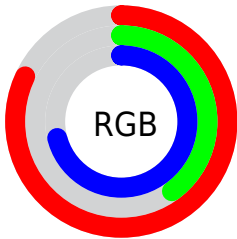
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 102, 182
Decimal	13788854
CIE Lab	58.59, 52.50, -22.87
CIE LCh	59, 57.261, 336.464
Yxy	26.5818, 0.3500, 0.2339
Android (android.graphics.Color)	4291978934 (0xFFD266B6)
YUV	143.4120, 19.0239, 58.3977
Hunter-Lab	51.5575, 47.4753, -18.2927

# Details

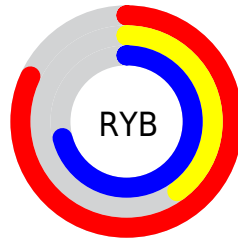
The Hex color **D266B6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66D282**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF9DEE**, and **992F81** is the 20% darker color. If you saturate the color by 10%, you get **D251B1**, and if you desaturate by 10%, it is **D27BBB**.

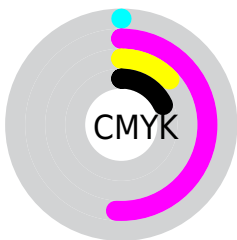
# Distribution



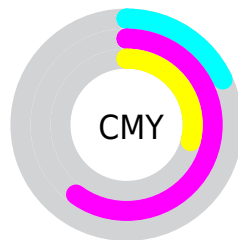
- Red (82%)
- Green (40%)
- Blue (71%)



- Red (82%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (51%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (60%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D266B6 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 D266B6 by changing the saturation by 10% instead.



 D266B6

 D266B6

FFFFFF

 B54B9B

 FF9DEE

 992F81

 FFB9FF

 7D0D68

 FFD5FF

 62004F

 FFF2FF

 480038

 310023

 050008

 000000

 D266B6

 D266B6

 D251B1

 D27BBB

 D23CAB

 D290C1

 D227A6

 D2A5C6

 D212A0

 D2BACC

 D2009C

 D2CFD1

 D2E4D7

 D2F9DC

 D2FFE2

 D2FFE7

# Harmonies

## Analogous

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



9D7BDE



D266B6



E75D84

# Triad

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



D266B6



9D8E1D



00A4C7

# Complementary

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



D266B6



66D282

# 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.



00A597



D266B6



689B36

# Square

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



D266B6



C67C2D



00A263



009DE9

# Rectangle

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



D266B6



E66263



00A263



00A5B8



# Sweetspot

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



D266B6



FFD9F5



8166D2



80697A



000000



808080



# Same Dimension

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



D266B6



FF61D6



D26681



695E66



A8007D



29001E



# Inverse Universe

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



D266B6



FF61D6



66D2B7



695E66



A8007D



29001E



# Previews

## White Background



This preview shows how the Hex color D266B6 looks on a white background.

## Color Contrast Check

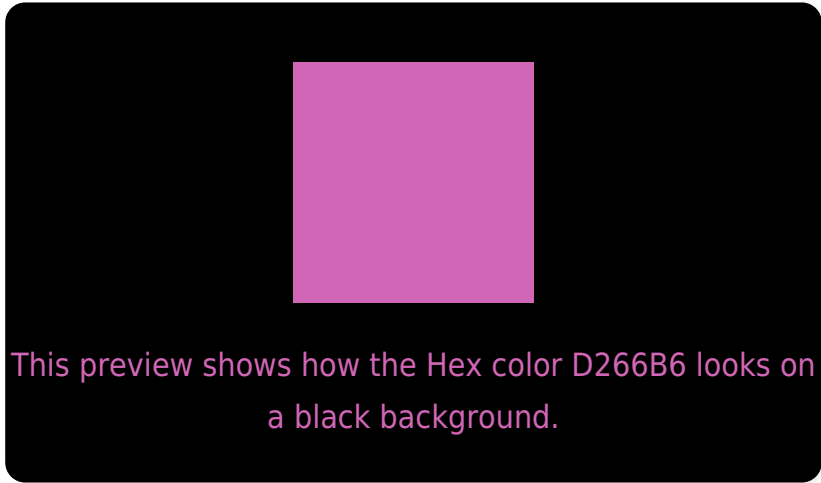
Large Text (above 18pt) WCAG AA ✓ Pass

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 D266B6 Background



This preview shows how black text looks on a background with the Hex color D266B6.

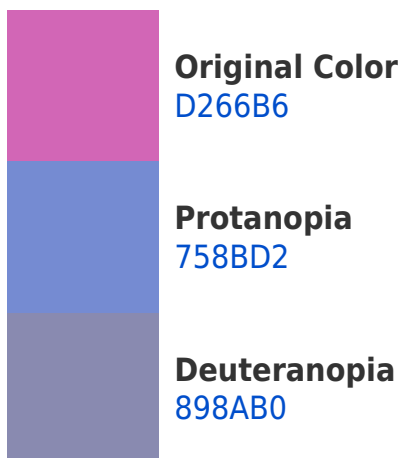


This preview shows how white text looks on a background with the Hex color D266B6.

# 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

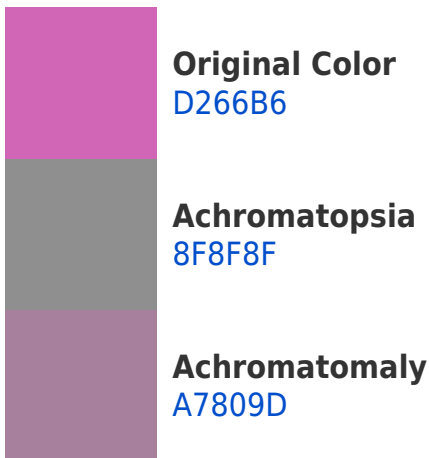




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D266B6 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 #D266B6 looks like.

```
.text, #text, p{  
    color:#D266B6  
}
```

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 #D266B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D266B6
}
```

## Border

The CSS property to change the border of an element to Hex D266B6 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
#D266B6 }
```

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

```
.border{ border-color:#D266B6 }
```

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

Here you see how a box with a 4 pixel #D266B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D266B6; -webkit-box-shadow:4px 4px  
4px 4px #D266B6; box-shadow:4px 4px 4px  
4px #D266B6 }
```

# Background

The CSS property to change the background color of an element to Hex D266B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D266B6 }
```

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

```
.background{ background-color:#D266B6 }
```

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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