

# Converting Colors

Hex(D36E9B)

Have a look what the booklet for  
Hex(D36E9B) contains.

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# Color

**Hex(D36E9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D36E9B
RGB	211, 110, 155
RGB Percent	83%, 43%, 61%
CMY	0.1725, 0.5686, 0.3922
CMYK	0.00, 0.48, 0.27, 0.17
HSL	333°, 53%, 63%
HSV	333°, 48%, 83%
XYZ	38.3563, 27.3673, 34.2712
YIQ	145.3290, 45.7510, 35.4070

# Conversions

## Conversions Part 2

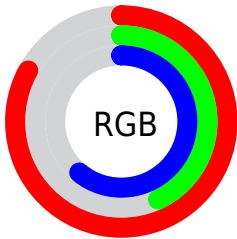
Format	Color
R <sub>YB</sub>	211, 110, 155
Decimal	13856411
CIE Lab	59.31, 44.87, -6.20
CIE LCh	59, 45.292, 352.137
Yxy	27.3673, 0.3836, 0.2737
Android (android.graphics.Color)	4292046491 (0xFFD36E9B)
YUV	145.3290, 4.7678, 57.5935
Hunter-Lab	52.3138, 39.3266, -2.2217

# Details

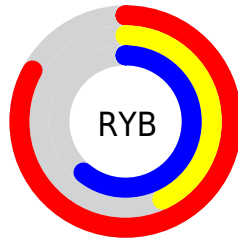
The Hex color **D36E9B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ED3A6**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA4D1**, and **9A3A68** is the 20% darker color. If you saturate the color by 10%, you get **D3598F**, and if you desaturate by 10%, it is **D383A7**.

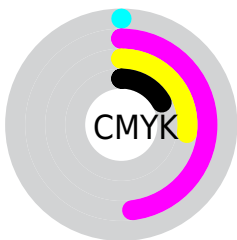
# Distribution



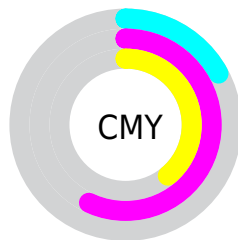
- Red (83%)
- Green (43%)
- Blue (61%)



- Red (83%)
- Yellow (43%)
- Blue (61%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (17%)



- Cyan (17%)
- Magenta (57%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D36E9B 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 D36E9B by changing the saturation by 10% instead.



 D36E9B

 D36E9B

FFFFFF

 B65481

 FFA4D1

 9A3A68

 FFC0EE

 7E1E50

 FFDCFF

 630039

 FFFAFF

 480024

 32000E

 000000

 D36E9B

 D36E9B

 D3598F

 D383A7

 D34484

 D398B2

 D32F78

 D3ADBE

 D31A6C

 D3C2CA

 D30561

 D3D8D5

 D3005E

 D3EDE1

 D3FFED

 D3FFF9

 D3FFFF

# Harmonies

## Analogous

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



B679C0



D36E9B



D96F73

# Triad

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



D36E9B



899642



009FCD

# Complementary

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



D36E9B



6ED3A6

# 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.



00A3AC



D36E9B



5A9E5C

# Square

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



D36E9B



AF893E



00A283



1E96DD

# Rectangle

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



D36E9B



D2765B



00A283



00A1C3



# Sweetspot

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



D36E9B



FFDBEB



A66ED3



806A73



000000



808080



# Same Dimension

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



D36E9B



FF6EAE



D3736E



695E63



A8004B



290012



# Inverse Universe

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



D36E9B



FF6EAE



6ECED3



695E63



A8004B



290012



# Previews

## White Background



This preview shows how the Hex color D36E9B looks on a white background.

## Color Contrast Check

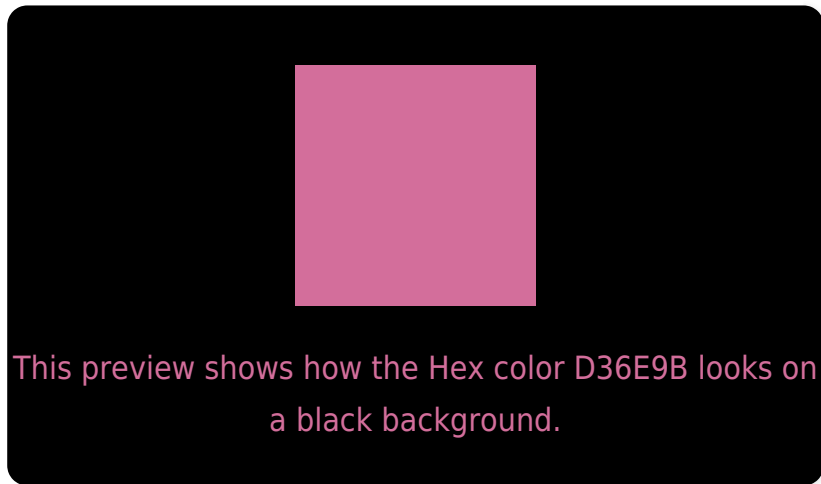
Large Text (above 18pt) WCAG AA ✓ Pass

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 D36E9B Background



This preview shows how black text looks on a background with the Hex color D36E9B.




This preview shows how white text looks on a background with the Hex color D36E9B.

# 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**  
D0747C

# Trichromacy



**Original Color**  
D36E9B



**Protanomaly**  
A382A8



**Deuteranomaly**  
AF8098

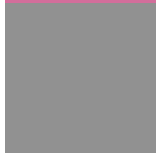


**Tritanomaly**  
D17287

# Monochromacy



**Original Color**  
D36E9B



**Achromatopsia**  
919191



**Achromatomaly**  
A98495

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D36E9B 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 #D36E9B looks like.

```
.text, #text, p{  
    color:#D36E9B  
}
```

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 #D36E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36E9B
}
```

## Border

The CSS property to change the border of an element to Hex D36E9B 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
#D36E9B }
```

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

```
.border{ border-color:#D36E9B }
```

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

Here you see how a box with a 4 pixel #D36E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36E9B; -webkit-box-shadow:4px 4px  
4px 4px #D36E9B; box-shadow:4px 4px 4px  
4px #D36E9B }
```

# Background

The CSS property to change the background color of an element to Hex D36E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36E9B }
```

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

```
.background{ background-color:#D36E9B }
```

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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