

# Converting Colors

Hex(DDCDE9)

Have a look what the booklet for  
Hex(DDCDE9) contains.

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# **Color**

**Hex(DDCDE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDCDE9
RGB	221, 205, 233
RGB Percent	87%, 80%, 91%
CMY	0.1333, 0.1961, 0.0863
CMYK	0.05, 0.12, 0.00, 0.09
HSL	274°, 39%, 86%
HSV	274°, 12%, 91%
XYZ	66.3581, 64.9180, 86.1238
YIQ	212.9760, 0.5480, 12.1000

# Conversions

## Conversions Part 2

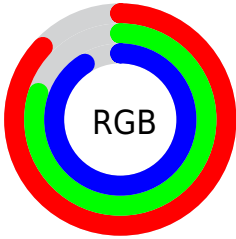
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 205, 233
Decimal	14536169
CIE <sub>Lab</sub>	84.44, 10.63, -11.79
CIE <sub>LCh</sub>	84, 15.870, 312.031
Yxy	64.9180, 0.3052, 0.2986
Android (android.graphics.Color)	4292726249 (0xFFDDCDE9)
YUV	212.9760, 9.8718, 7.0370
Hunter-Lab	80.5717, 6.0105, -6.9754

# Details

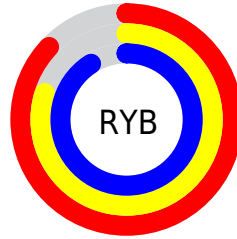
The Hex color **DDCDE9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9E9CD**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **A697B1** is the 20% darker color. If you saturate the color by 10%, you get **D3B6E9**, and if you desaturate by 10%, it is **E7E4E9**.

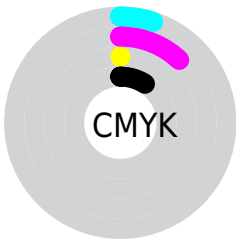
# Distribution



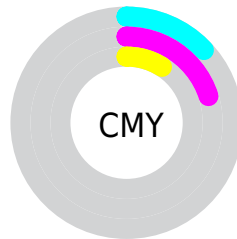
- Red (87%)
- Green (80%)
- Blue (91%)



- Red (87%)
- Yellow (80%)
- Blue (91%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDCDE9 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 DDCDE9 by changing the saturation by 10% instead.



■ DDCDE9

FFFFFF

■ DDCDE9

■ C1B2CD

■ A697B1

■ 8B7D97

■ 72647D

■ 594C64

■ 42354C

■ 2B2035

■ 180920

■ 000005

 DDCDE9

 DDCDE9

 D3B6E9

 E7E4E9

 C99EE9

 F1FCE9

 BF87E9

 FBFFE9

 B570E9

 FFFFE9

 AB59E9

 A141E9

 972AE9

 8D13E9

 8500E9

# Harmonies

## Analogous

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



CAD2F0



DDCDE9



ECC9DC

# Triad

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



DDCDE9



E7CFB7



AEDCD8

# Complementary

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



DDCDE9



D9E9CD

# 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.



B7DBC9



DDCDE9



D8D4B5

# Square

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



DDCDE9



F1CBBF



C7D8BC



AEDAE6

# Rectangle

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



DDCDE9



F1C8D2



C7D8BC



B0DCD3



# Sweetspot

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



DDCDE9



FBF5FF



CDD9E9



7D7980



000000



808080



# Same Dimension

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



DDCDE9



F0DBFF



E9CDE7



706A75



6700B5



1F0036



# Inverse Universe

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



E9CDD9



FFDBEB



CDE9CF



756A6F



B5004E

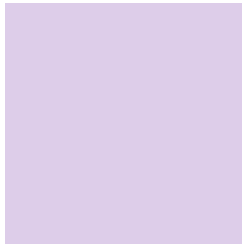


360017



# Previews

## White Background



This preview shows how the Hex color DDCDE9 looks on a white background.

## Color Contrast Check

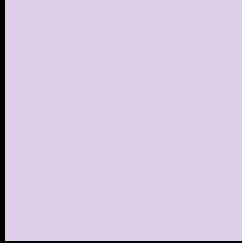
Large Text (above 18pt) WCAG AA × Fail

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 DDCDE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

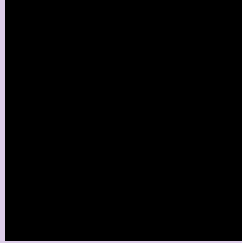
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

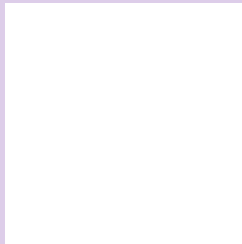
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DDCDE9 Background



This preview shows how black text looks on a background with the Hex color DDCDE9.



This preview shows how white text looks on a background with the Hex color DDCDE9.

# 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



**Original Color**  
DDCDE9

**Protanopia**  
CFD1EC

**Deuteranopia**  
DDCDE9



**Tritanopia**  
DBCDFD

# Trichromacy



**Original Color**  
DDCDE9

**Protanomaly**  
D4D0EB

**Deuteranomaly**  
DDCDE9

**Tritanomaly**  
DCCEE3

# Monochromacy



**Original Color**  
DDCDE9

**Achromatopsia**  
D5D5D5

**Achromatomaly**  
D8D2DC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDCDE9 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 #DDCDE9 looks like.

```
.text, #text, p{  
    color:#DDCDE9  
}
```

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 #DDCDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDCDE9
}
```

## Border

The CSS property to change the border of an element to Hex DDCDE9 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
#DDCDE9 }
```

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

```
.border{ border-color:#DDCDE9 }
```

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

Here you see how a box with a 4 pixel #DDCDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDCDE9; -webkit-box-shadow:4px 4px  
4px 4px #DDCDE9; box-shadow:4px 4px 4px  
4px #DDCDE9 }
```

# Background

The CSS property to change the background color of an element to Hex DDCDE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDCDE9 }
```

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

```
.background{ background-color:#DDCDE9 }
```

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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