

# Converting Colors

Hex(D464CE)

Have a look what the booklet for  
Hex(D464CE) contains.

<b>Hex(D464CE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D464CE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D464CE
RGB	212, 100, 206
RGB Percent	83%, 39%, 81%
CMY	0.1686, 0.6078, 0.1922
CMYK	0.00, 0.53, 0.03, 0.17
HSL	303°, 57%, 61%
HSV	303°, 53%, 83%
XYZ	42.8491, 27.5676, 61.4552
YIQ	145.5720, 32.7260, 56.7100

# Conversions

## Conversions Part 2

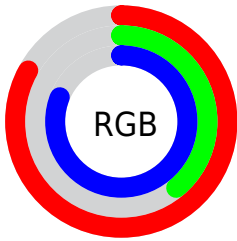
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 100, 206
Decimal	13919438
CIE Lab	59.50, 57.97, -35.12
CIE LCh	59, 67.780, 328.794
Yxy	27.5676, 0.3249, 0.2090
Android (android.graphics.Color)	4292109518 (0xFFD464CE)
YUV	145.5720, 29.7910, 58.2574
Hunter-Lab	52.5049, 53.7900, -32.6435

# Details

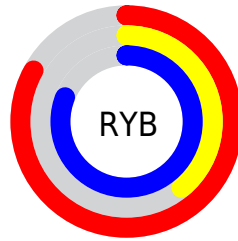
The Hex color **D464CE** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **64D46A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF9BFF**, and **9B2C97** is the 20% darker color. If you saturate the color by 10%, you get **D44FCD**, and if you desaturate by 10%, it is **D479CF**.

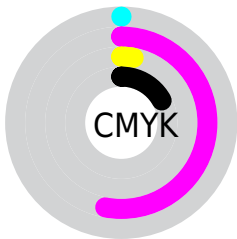
# Distribution



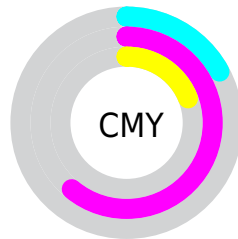
- Red (83%)
- Green (39%)
- Blue (81%)



- Red (83%)
- Yellow (39%)
- Blue (81%)



- Cyan (0%)
- Magenta (53%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (61%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D464CE 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 D464CE by changing the saturation by 10% instead.



 D464CE

 D464CE

FFFFFF

 B748B2

 FF9BFF

 9B2C97

 FFB7FF

 7F027D

 FFD4FF

 640064

 FFF1FF

 49004B

 320034

 0D001E

 000000

 D464CE

 D464CE

 D44FCD

 D479CF

 D43ACC

 D48ED0

 D424CB

 D4A4D1

 D40FC9

 D4B9D3

 D400C9

 D4CED4

 D4E3D5

 D4F8D6

 D4FFD7

 D4FFD8

# Harmonies

## Analogous

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



8880F9



D464CE



F65194

# Triad

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



D464CE



AD8C00



00AAC7

# Complementary

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



D464CE



64D46A

# 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.



00AA8B



D464CE



739C10

# Square

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



D464CE



DB7424



00A64E



00A5F5

# Rectangle

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



D464CE



F9546D



00A64E



00ABB4



# Sweetspot

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



D464CE



FFD6FD



6A64D4



80677E



000000



808080



# Same Dimension

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



D464CE



FF5EF6



D46496



6B606B



AB00A2



2B0029



# Inverse Universe

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



D464CE



FF5EF6



64D4A2



6B606B



AB00A2

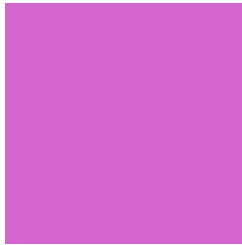


2B0029



# Previews

## White Background



This preview shows how the Hex color D464CE looks on a white background.

## Color Contrast Check

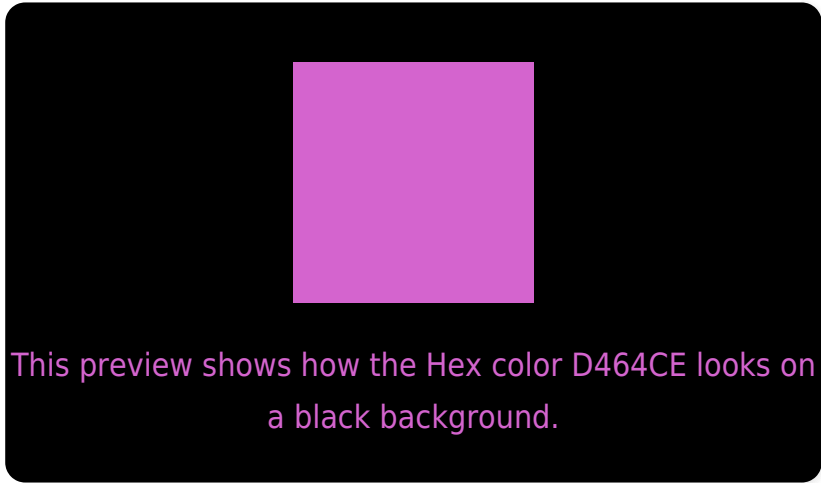
Large Text (above 18pt) WCAG AA ✓ Pass

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 D464CE Background



This preview shows how black text looks on a background with the Hex color D464CE.

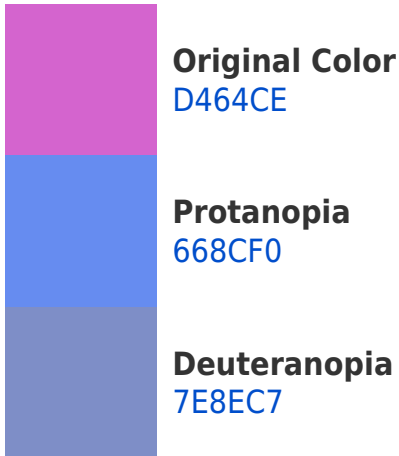


This preview shows how white text looks on a background with the Hex color D464CE.

# 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**  
CB7780

# Trichromacy



**Original Color**  
D464CE



**Protanomaly**  
8E7DE4



**Deuteranomaly**  
9D7FCA



**Tritanomaly**  
CE709C

# Monochromacy



**Original Color**  
D464CE



**Achromatopsia**  
929292



**Achromatomaly**  
AA81A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D464CE 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 #D464CE looks like.

```
.text, #text, p{  
    color:#D464CE  
}
```

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 #D464CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D464CE
}
```

## Border

The CSS property to change the border of an element to Hex D464CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

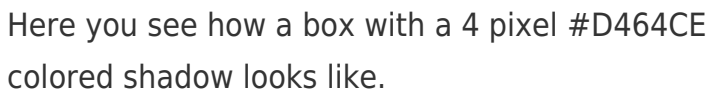
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D464CE }
```

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

```
.border{ border-color:#D464CE }
```

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



Here you see how a box with a 4 pixel #D464CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D464CE; -webkit-box-shadow:4px 4px  
4px 4px #D464CE; box-shadow:4px 4px 4px  
4px #D464CE }
```

# Background

The CSS property to change the background color of an element to Hex D464CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D464CE }
```

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

```
.background{ background-color:#D464CE }
```

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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