

# Converting Colors

Hex(D04BC3)

Have a look what the booklet for  
Hex(D04BC3) contains.

<b>Hex(D04BC3)</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(D04BC3)

# Conversions

## Conversions Part 1

Format	Color
Hex	D04BC3
RGB	208, 75, 195
RGB Percent	82%, 29%, 76%
CMY	0.1843, 0.7059, 0.2353
CMYK	0.00, 0.64, 0.06, 0.18
HSL	306°, 59%, 55%
HSV	306°, 64%, 82%
XYZ	38.3788, 22.3822, 53.9272
YIQ	128.4470, 40.7480, 65.5160

# Conversions

## Conversions Part 2

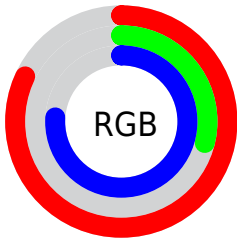
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">208, 75, 195</a>
Decimal	<a href="#">13650883</a>
CIELab	<a href="#">54.43, 65.98, -36.81</a>
CIElCh	<a href="#">54, 75.556, 330.846</a>
Yxy	<a href="#">22.3822, 0.3346, 0.1952</a>
Android (android.graphics.Color)	<a href="#">4291840963 (0xFFD04BC3)</a>
YUV	<a href="#">128.4470, 32.8106, 69.7680</a>
Hunter-Lab	<a href="#">47.3098, 62.0112, -34.4662</a>

# Details

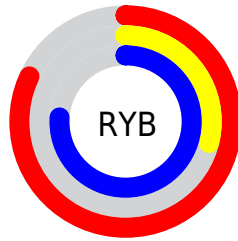
The Hex color **D04BC3** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **4BD058**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF84FC**, and **96008D** is the 20% darker color. If you saturate the color by 10%, you get **D036C1**, and if you desaturate by 10%, it is **D060C5**.

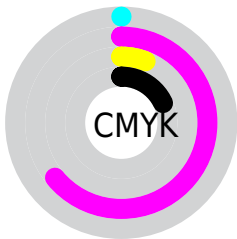
# Distribution



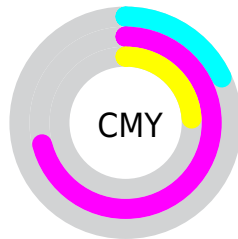
- Red (82%)
- Green (29%)
- Blue (76%)



- Red (82%)
- Yellow (29%)
- Blue (76%)



- Cyan (0%)
- Magenta (64%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (71%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04BC3 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 D04BC3 by changing the saturation by 10% instead.



 D04BC3

 D04BC3

FFFFFF

 B32CA8

 FF84FC

 96008D

 FFA1FF

 7A0073

 FFBDFE

 5E005A

 FFDBFF

 440042

 FFF8FF

 29002B

 000115

 000000

 D04BC3

 D04BC3

 D036C1

 D060C5

 D021BF

 D075C7

 D00DBD

 D089C9

 D000BC

 D09ECB

 D0B3CD

 D0C8CF

 D0DDD1

 D0F1D3

 D0FFD5

# Harmonies

## Analogous

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



7D70F4



D04BC3



F12F83

# Triad

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



D04BC3



9C8000



009EC4

# Complementary

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



D04BC3



4BD058

# 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.



009E82



D04BC3



5A9100

# Square

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



D04BC3



CE6500



009A3D



0099F5

# Rectangle

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



D04BC3



F23758



009A3D



009FAF



# Sweetspot

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



D04BC3



FFCFFA



564BD0



80627D



000000



808080



# Same Dimension

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



D04BC3



FF3BEC



D04B82



695E68



A80098



290025



# Inverse Universe

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



D04BC3



FF3BEC



4BD099



695E68



A80098



290025



# Previews

## White Background



This preview shows how the Hex color D04BC3 looks on a white background.

## Color Contrast Check

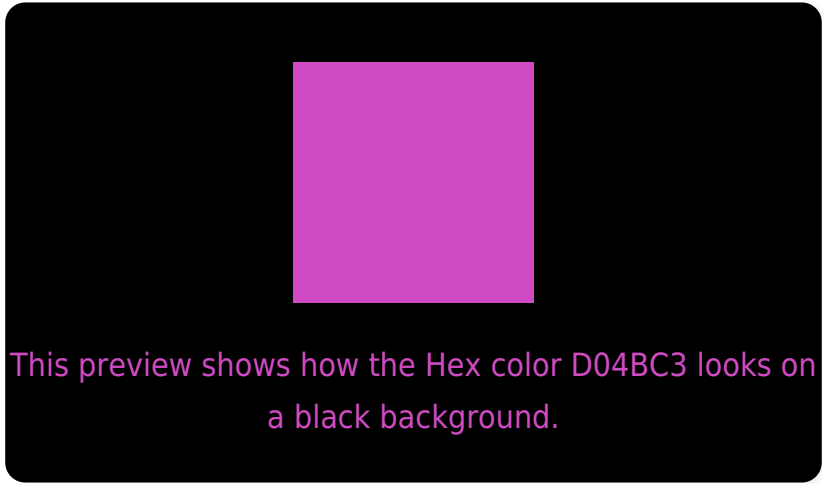
Large Text (above 18pt) WCAG AA ✓ Pass

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

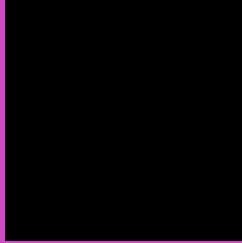
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D04BC3 Background



This preview shows how black text looks on a background with the Hex color D04BC3.

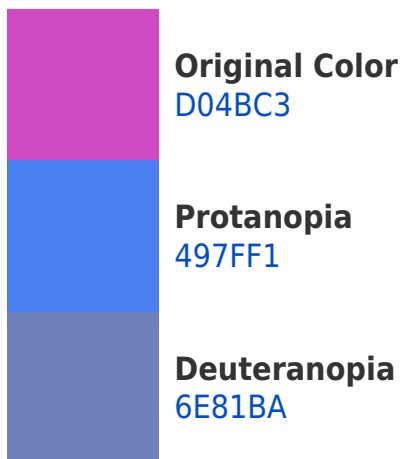


This preview shows how white text looks on a background with the Hex color D04BC3.

# 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**  
C6646B

# Trichromacy



**Original Color**  
D04BC3



**Protanomaly**  
7A6CE0



**Deuteranomaly**  
926DBD



**Tritanomaly**  
CA5B8B

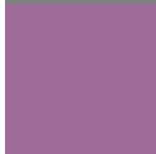
# Monochromacy



**Original Color**  
D04BC3



**Achromatopsia**  
808080



**Achromatomaly**  
9D6D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04BC3 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 #D04BC3 looks like.

```
.text, #text, p{  
    color:#D04BC3  
}
```

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 #D04BC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04BC3
}
```

## Border

The CSS property to change the border of an element to Hex D04BC3 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
#D04BC3 }
```

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

```
.border{ border-color:#D04BC3 }
```

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

Here you see how a box with a 4 pixel #D04BC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04BC3; -webkit-box-shadow:4px 4px  
4px 4px #D04BC3; box-shadow:4px 4px 4px  
4px #D04BC3 }
```

# Background

The CSS property to change the background color of an element to Hex D04BC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04BC3 }
```

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

```
.background{ background-color:#D04BC3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor