

# Converting Colors

Hex(D04CB8)

Have a look what the booklet for  
Hex(D04CB8) contains.

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# **Color**

**Hex(D04CB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D04CB8
RGB	208, 76, 184
RGB Percent	82%, 30%, 72%
CMY	0.1843, 0.7020, 0.2784
CMYK	0.00, 0.63, 0.12, 0.18
HSL	311°, 58%, 56%
HSV	311°, 63%, 82%
XYZ	37.2486, 22.0395, 47.6382
YIQ	127.7800, 44.0040, 61.5720

# Conversions

## Conversions Part 2

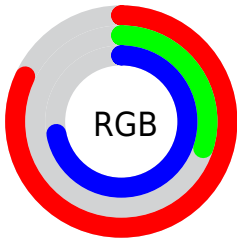
Format	Color
<a href="#">RYB</a>	208, 76, 184
Decimal	13651128
CIELab	54.07, 63.88, -31.02
CIElCh	54, 71.012, 334.096
Yxy	22.0395, 0.3484, 0.2061
Android (android.graphics.Color)	4291841208 (0xFFD04CB8)
YUV	127.7800, 27.7165, 70.3529
Hunter-Lab	46.9462, 59.4716, -27.3016

# Details

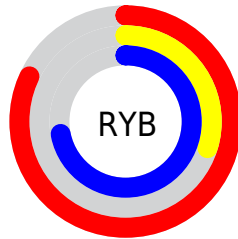
The Hex color **D04CB8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **4CD064**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF85F0**, and **960083** is the 20% darker color. If you saturate the color by 10%, you get **D037B4**, and if you desaturate by 10%, it is **D061BC**.

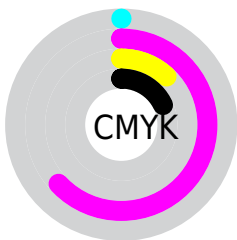
# Distribution



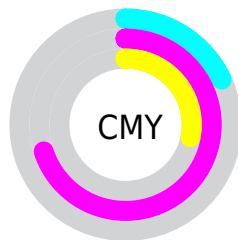
- Red (82%)
- Green (30%)
- Blue (72%)



- Red (82%)
- Yellow (30%)
- Blue (72%)



- Cyan (0%)
- Magenta (63%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (70%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D04CB8 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 D04CB8 by changing the saturation by 10% instead.



 D04CB8

 D04CB8

FFFFFF

 B32D9D

 FF85F0

 960083

 FFA1FF

 7A0069

 FFBEFF

 5E0051

 FFDBFF

 440039

 FFF9FF

 2A0023

 000009

 000000

 D04CB8

 D04CB8

 D037B4

 D061BC

 D022B0

 D076C0

 D00EAD

 D08AC3

 D000AA

 D09FC7

 D0B4CB

 D0C9CF

 D0DED2

 D0F2D6

 D0FFDA

# Harmonies

## Analogous

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



8A6DE8



D04CB8



EB397C

# Triad

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



D04CB8



948100



009CC5

# Complementary

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



D04CB8



4CD064

# 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.



009C88



D04CB8



549100

# Square

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



D04CB8



C56900



009948



0095F0

# Rectangle

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



D04CB8



EA4253



009948



009CB2



# Sweetspot

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



D04CB8



FFCFF6



624CD0



80627A



000000



808080



# Same Dimension

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



D04CB8



FF3DDC



D04C78



695E67



A8008A



290021



# Inverse Universe

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



D04CB8



FF3DDC



4CD0A4



695E67



A8008A



290021



# Previews

## White Background



This preview shows how the Hex color D04CB8 looks on a white background.

## Color Contrast Check

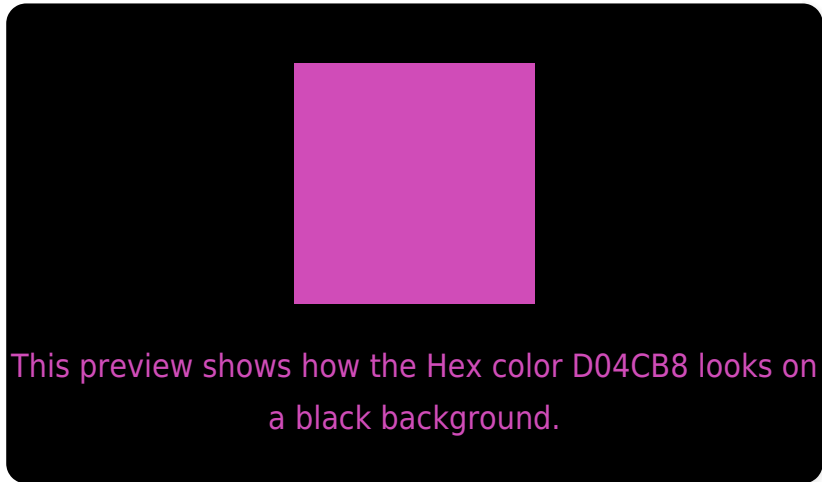
Large Text (above 18pt) WCAG AA ✓ Pass

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

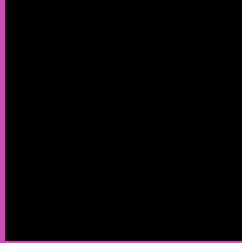
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D04CB8 Background



This preview shows how black text looks on a background with the Hex color D04CB8.



This preview shows how white text looks on a background with the Hex color D04CB8.

# 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](#).

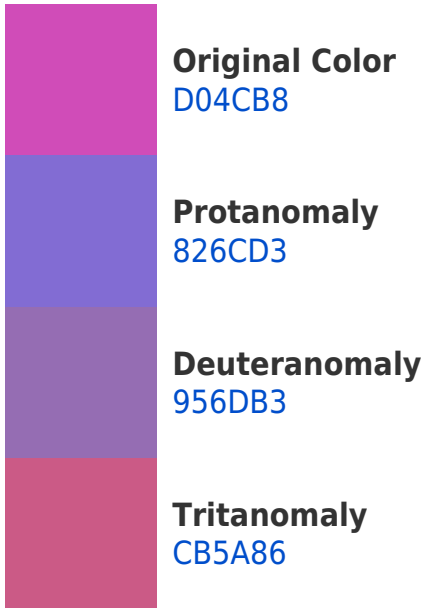
## Dichromacy





**Tritanopia**  
C86269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D04CB8 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 #D04CB8 looks like.

```
.text, #text, p{  
    color:#D04CB8  
}
```

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 #D04CB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D04CB8
}
```

## Border

The CSS property to change the border of an element to Hex D04CB8 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
#D04CB8 }
```

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

```
.border{ border-color:#D04CB8 }
```

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

Here you see how a box with a 4 pixel #D04CB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D04CB8; -webkit-box-shadow:4px 4px  
4px 4px #D04CB8; box-shadow:4px 4px 4px  
4px #D04CB8 }
```

# Background

The CSS property to change the background color of an element to Hex D04CB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D04CB8 }
```

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

```
.background{ background-color:#D04CB8 }
```

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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