

# Converting Colors

Hex(D904C4)

Have a look what the booklet for  
Hex(D904C4) contains.

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**Color**

**Hex(D904C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D904C4
RGB	217, 4, 196
RGB Percent	85%, 2%, 77%
CMY	0.1490, 0.9843, 0.2314
CMYK	0.00, 0.98, 0.10, 0.15
HSL	306°, 96%, 43%
HSV	306°, 98%, 85%
XYZ	38.6225, 18.8241, 53.8223
YIQ	89.5750, 65.3160, 104.8680

# Conversions

## Conversions Part 2

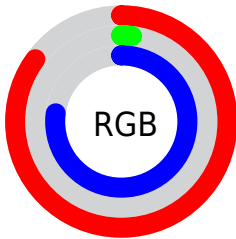
<b>Format</b>	<b>Color</b>
<b>RYB</b>	217, 4, 196
Decimal	14222532
CIELab	50.48, 83.79, -43.51
CIELCh	50, 94.413, 332.556
Yxy	18.8241, 0.3471, 0.1692
Android (android.graphics.Color)	4292412612 (0xFFD904C4)
YUV	89.5750, 52.4675, 111.7517
Hunter-Lab	43.3867, 82.9725, -43.1801

# Details

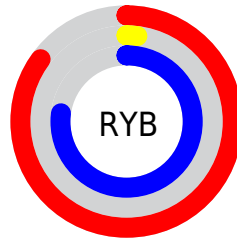
The Hex color **D904C4** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **04D919**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60FD**, and **9D008E** is the 20% darker color. If you saturate the color by 10%, you get **D900C4**, and if you desaturate by 10%, it is **D91AC6**.

# Distribution



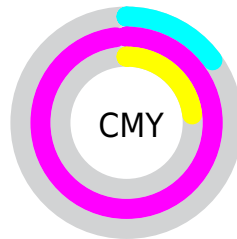
- Red (85%)
- Green (2%)
- Blue (77%)



- Red (85%)
- Yellow (2%)
- Blue (77%)



- Cyan (0%)
- Magenta (98%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (98%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D904C4 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 D904C4 by changing the saturation by 10% instead.



 D904C4

 D904C4

FFFFFF

 BB00A8

 FF60FD

 9D008E

 FF7FFF

 800073

 FF9DFF

 63005A

 FFBCFF

 480042

 FFDAFF

 2A002B

 FFF8FF

 000115

 000000

 D904C4

 D904C4

 D900C4

 D91AC6

 D92FC8

 D945CA

 D95BCD

 D971CF

 D986D1

 D99CD3

 D9B2D5

 D9C7D7

# Harmonies

## Analogous

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



6F5EFF



D904C4



FD0075

# Triad

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



D904C4



8D7800



0098CE

# Complementary

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



D904C4



04D919

# 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.



00977D



D904C4



318B00

# Square

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



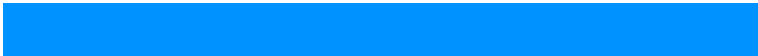
D904C4



CB5400



009323



0093FF

# Rectangle

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



D904C4



FB0041



009323



0098B4



# Sweetspot

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



D904C4



FFB5F8



1604D9



80537B



000000



808080



# Same Dimension

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



D904C4



FF00E6



D9045D



6E636D



AD009C



2E0029



# Inverse Universe

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



D904C4



FF00E6



04D980



6E636D



AD009C



2E0029



# Previews

## White Background



This preview shows how the Hex color D904C4 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 D904C4 Background



This preview shows how black text looks on a background with the Hex color D904C4.



This preview shows how white text looks on a background with the Hex color D904C4.

# 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





# Trichromacy



**Original Color**  
D904C4



**Protanomaly**  
4F4CE6



**Deuteranomaly**  
894EBC

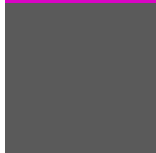


**Tritanomaly**  
D2327B

# Monochromacy



**Original Color**  
D904C4



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
883B81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D904C4 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 #D904C4 looks like.

```
.text, #text, p{  
    color:#D904C4  
}
```

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 #D904C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D904C4
}
```

## Border

The CSS property to change the border of an element to Hex D904C4 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
#D904C4 }
```

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

```
.border{ border-color:#D904C4 }
```

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

Here you see how a box with a 4 pixel #D904C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D904C4; -webkit-box-shadow:4px 4px  
4px 4px #D904C4; box-shadow:4px 4px 4px  
4px #D904C4 }
```

# Background

The CSS property to change the background color of an element to Hex D904C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D904C4 }
```

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

```
.background{ background-color:#D904C4 }
```

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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