

# Converting Colors

Hex(D940D6)

Have a look what the booklet for  
Hex(D940D6) contains.

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**Color**

**Hex(D940D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D940D6
RGB	217, 64, 214
RGB Percent	85%, 25%, 84%
CMY	0.1490, 0.7490, 0.1608
CMYK	0.00, 0.71, 0.01, 0.15
HSL	301°, 67%, 55%
HSV	301°, 71%, 85%
XYZ	42.5863, 23.2735, 65.8660
YIQ	126.8470, 43.0380, 79.0860

# Conversions

## Conversions Part 2

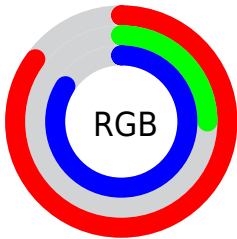
Format	Color
R <sub>YB</sub>	217, 64, 214
Decimal	14237910
CIE Lab	55.35, 75.05, -46.12
CIE LCh	55, 88.087, 328.424
Yxy	23.2735, 0.3233, 0.1767
Android (android.graphics.Color)	4292427990 (0xFFD940D6)
YUV	126.8470, 42.9664, 79.0642
Hunter-Lab	48.2427, 73.1464, -47.1792

# Details

The Hex color **D940D6** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **40D943**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF7DFF**, and **9E009F** is the 20% darker color. If you saturate the color by 10%, you get **D92AD6**, and if you desaturate by 10%, it is **D956D6**.

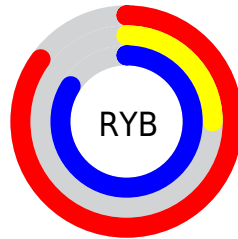
# Distribution



Red (85%)

Green (25%)

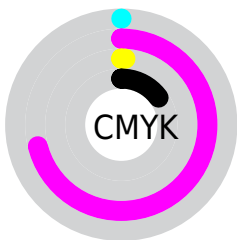
Blue (84%)



Red (85%)

Yellow (25%)

Blue (84%)

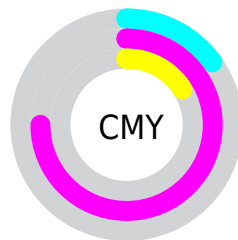


Cyan (0%)

Magenta (71%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D940D6 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 D940D6 by changing the saturation by 10% instead.



 D940D6

 D940D6

FFFFFF

 BB18BA

 FF7DFF

 9E009F

 FF9AFF

 810084

 FFB7FF

 65006A

 FFD5FF

 490051

 FFF3FF

 2E0039

 060023

 000009

 000000

 D940D6

 D940D6

 D92AD6

 D956D6

 D915D5

 D96BD7

 D900D5

 D981D7

 D997D8

 D9ADD8

 D9C2D9

 D9D8D9

 D9EED9

 D9FFDA

# Harmonies

## Analogous

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



6B72FF



D940D6



FF008C

# Triad

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



D940D6



A48000



00A4CC

# Complementary

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



D940D6



40D943

# 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.



00A37E



D940D6



589500

# Square

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



D940D6



DD5E00



009F2A



009FFF

# Rectangle

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



D940D6



FF025A



009F2A



00A4B3



# Sweetspot

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



D940D6



FFC9FE



4340D9



80607F



000000



808080



# Same Dimension

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



D940D6



FF26FB



D9408A



6E636D



AD00AA



2E002D



# Inverse Universe

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



D940D6



FF26FB



40D98F



6E636D



AD00AA

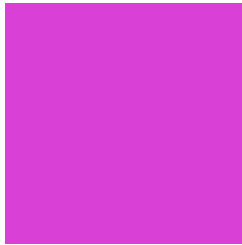


2E002D



# Previews

## White Background



This preview shows how the Hex color D940D6 looks on a white background.

## Color Contrast Check

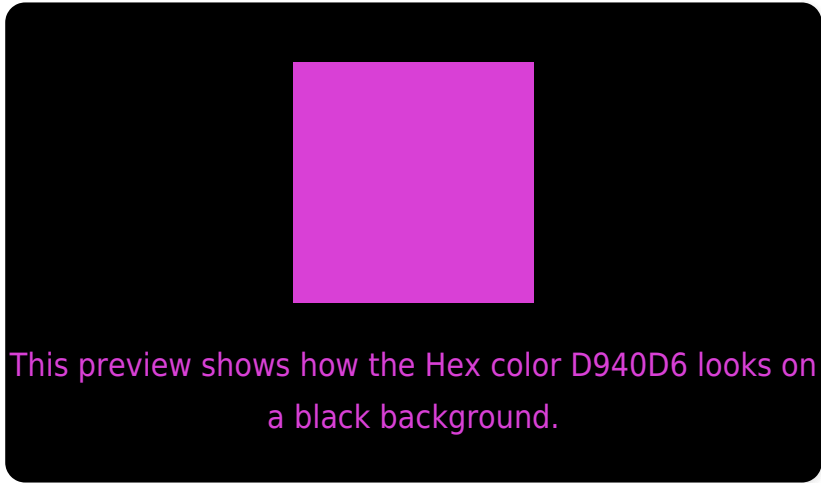
Large Text (above 18pt) WCAG AA ✓ Pass

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

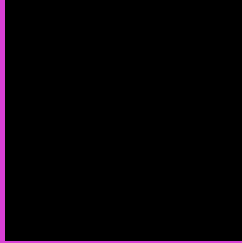
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D940D6 Background



This preview shows how black text looks on a background with the Hex color D940D6.

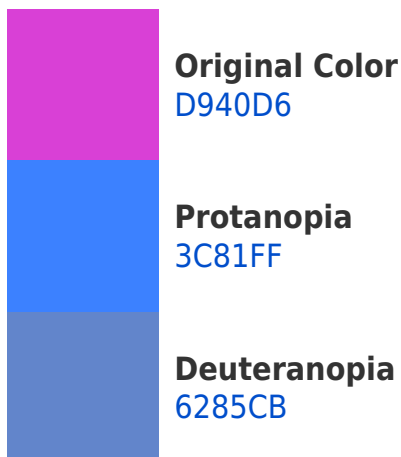


This preview shows how white text looks on a background with the Hex color D940D6.

# 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**  
CD646B

# Trichromacy



**Original Color**  
D940D6



**Protanomaly**  
7569F0



**Deuteranomaly**  
8D6CCF



**Tritanomaly**  
D15792

# Monochromacy



**Original Color**  
D940D6



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
A0689F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D940D6 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 #D940D6 looks like.

```
.text, #text, p{  
    color:#D940D6  
}
```

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 #D940D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D940D6
}
```

## Border

The CSS property to change the border of an element to Hex D940D6 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
#D940D6 }
```

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

```
.border{ border-color:#D940D6 }
```

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

Here you see how a box with a 4 pixel #D940D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D940D6; -webkit-box-shadow:4px 4px  
4px 4px #D940D6; box-shadow:4px 4px 4px  
4px #D940D6 }
```

# Background

The CSS property to change the background color of an element to Hex D940D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D940D6 }
```

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

```
.background{ background-color:#D940D6 }
```

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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