

# Converting Colors

Hex(D041A8)

Have a look what the booklet for  
Hex(D041A8) contains.

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**Color**

**Hex(D041A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D041A8
RGB	208, 65, 168
RGB Percent	82%, 25%, 66%
CMY	0.1843, 0.7451, 0.3412
CMYK	0.00, 0.69, 0.19, 0.18
HSL	317°, 60%, 54%
HSV	317°, 69%, 82%
XYZ	34.9706, 20.0176, 39.0664
YIQ	119.4990, 52.1650, 62.3490

# Conversions

## Conversions Part 2

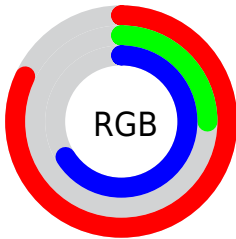
Format	Color
R <sub>YB</sub>	208, 65, 168
Decimal	13648296
CIE <sub>Lab</sub>	51.86, 65.79, -25.12
CIE <sub>LCh</sub>	52, 70.427, 339.102
Y <sub>xy</sub>	20.0176, 0.3718, 0.2128
Android (android.graphics.Color)	4291838376 (0xFFD041A8)
YUV	119.4990, 23.9110, 77.6154
Hunter-Lab	44.7411, 61.2226, -20.4513

# Details

The Hex color **D041A8** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **41D069**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7BDF**, and **960074** is the 20% darker color. If you saturate the color by 10%, you get **D02CA2**, and if you desaturate by 10%, it is **D056AE**.

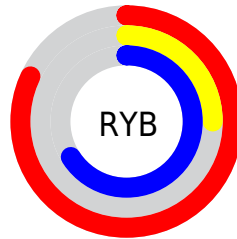
# Distribution



Red (82%)

Green (25%)

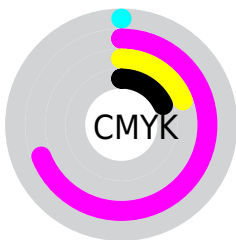
Blue (66%)



Red (82%)

Yellow (25%)

Blue (66%)

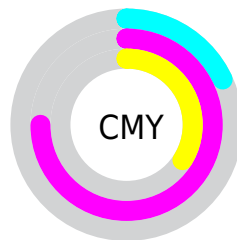


Cyan (0%)

Magenta (69%)

Yellow (19%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D041A8 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 D041A8 by changing the saturation by 10% instead.



 D041A8

 D041A8

FFFFFF

 B31E8D

 FF7BDF

 960074

 FF98FC

 79005B

 FFB5FF

 5D0043

 FFD2FF

 43002D

 FFEFFF

 270017

 000000

 D041A8

 D041A8

 D02CA2

 D056AE

 D0179C

 D06BB4

 D00397

 D07FB9

 D00096

 D094BF

 D0A9C5

 D0BECB

 D0D3D1

 D0E7D7

 D0FCDC

# Harmonies

## Analogous

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



9362DA



D041A8



E5336C

# Triad

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



D041A8



857F00



0095C7

# Complementary

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



D041A8



41D069

# 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.



00968D



D041A8



408D02

# Square

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



D041A8



B76900



00944E



008EED

# Rectangle

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



D041A8



E04045



00944E



0096B5



# Sweetspot

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



D041A8



FFC9F0



6741D0



806077



000000



808080



# Same Dimension

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



D041A8



FF2BC4



D04162



695E66



A80079



29001D



# Inverse Universe

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



D041A8



FF2BC4



41D0AF



695E66



A80079



29001D



# Previews

## White Background



This preview shows how the Hex color D041A8 looks on a white background.

## Color Contrast Check

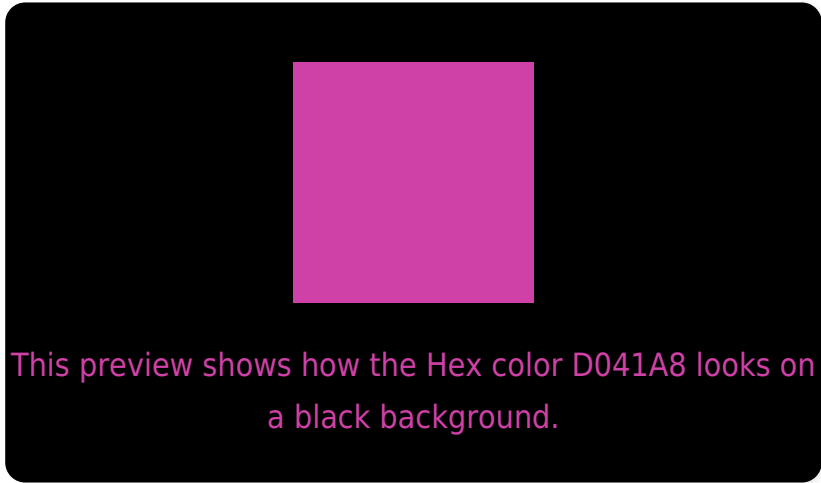
Large Text (above 18pt) WCAG AA ✓ Pass

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

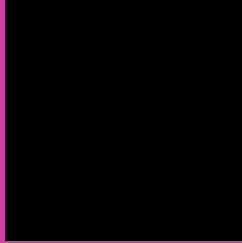
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D041A8 Background



This preview shows how black text looks on a background with the Hex color D041A8.

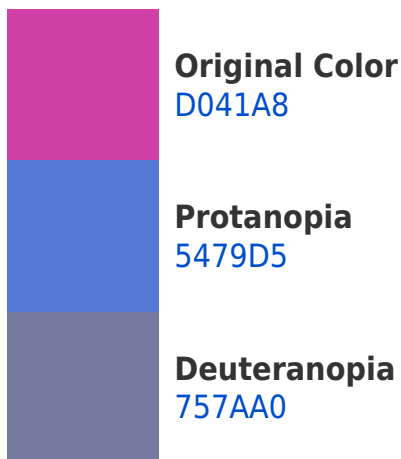


This preview shows how white text looks on a background with the Hex color D041A8.

# 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**  
C9575C

# Trichromacy



**Original Color**  
D041A8



**Protanomaly**  
8165C5



**Deuteranomaly**  
9665A3



**Tritanomaly**  
CC4F78

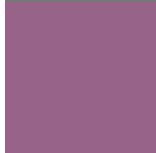
# Monochromacy



**Original Color**  
D041A8



**Achromatopsia**  
777777



**Achromatomaly**  
976389

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D041A8 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 #D041A8 looks like.

```
.text, #text, p{  
    color:#D041A8  
}
```

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 #D041A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D041A8
}
```

## Border

The CSS property to change the border of an element to Hex D041A8 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
#D041A8 }
```

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

```
.border{ border-color:#D041A8 }
```

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

Here you see how a box with a 4 pixel #D041A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D041A8; -webkit-box-shadow:4px 4px  
4px 4px #D041A8; box-shadow:4px 4px 4px  
4px #D041A8 }
```

# Background

The CSS property to change the background color of an element to Hex D041A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D041A8 }
```

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

```
.background{ background-color:#D041A8 }
```

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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