

# Converting Colors

Hex(D13DC0)

Have a look what the booklet for  
Hex(D13DC0) contains.

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# Color

Hex(D13DC0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D13DC0
RGB	209, 61, 192
RGB Percent	82%, 24%, 75%
CMY	0.1804, 0.7608, 0.2471
CMYK	0.00, 0.71, 0.08, 0.18
HSL	307°, 62%, 53%
HSV	307°, 71%, 82%
XYZ	37.4777, 20.6986, 51.8891
YIQ	120.1860, 46.1570, 72.1170

# Conversions

## Conversions Part 2

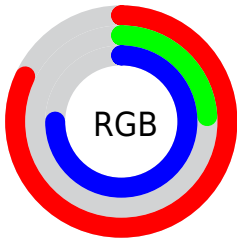
Format	Color
<a href="#">RYB</a>	<a href="#">209, 61, 192</a>
Decimal	<a href="#">13712832</a>
CIELab	<a href="#">52.62, 70.88, -37.91</a>
CIElCh	<a href="#">53, 80.382, 331.858</a>
Yxy	<a href="#">20.6986, 0.3405, 0.1881</a>
Android (android.graphics.Color)	<a href="#">4291902912 (0xFFD13DC0)</a>
YUV	<a href="#">120.1860, 35.4043, 77.8899</a>
Hunter-Lab	<a href="#">45.4957, 67.4243, -35.7749</a>

# Details

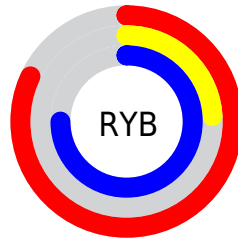
The Hex color **D13DC0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **3DD14E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF79F9**, and **97008A** is the 20% darker color. If you saturate the color by 10%, you get **D128BE**, and if you desaturate by 10%, it is **D152C2**.

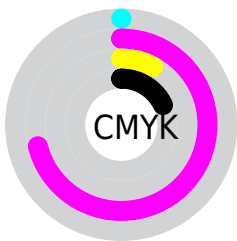
# Distribution



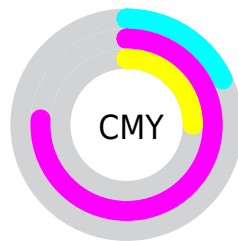
- Red (82%)
- Green (24%)
- Blue (75%)



- Red (82%)
- Yellow (24%)
- Blue (75%)



- Cyan (0%)
- Magenta (71%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (76%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D13DC0 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 D13DC0 by changing the saturation by 10% instead.



 D13DC0

 D13DC0

FFFFFF

 B415A5

 FF79F9

 97008A

 FF96FF

 7A0070

 FFB3FF

 5E0057

 FFD0FF

 44003F

 FFE0FF

 280028

 000112

 000000

 D13DC0

 D13DC0

 D128BE

 D152C2

 D113BB

 D167C5

 D100B9

 D17CC7

 D191CA

 D1A6CC

 D1BACE

 D1CFD1

 D1E4D3

 D1F9D6

# Harmonies

## Analogous

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



7A69F4



D13DC0



F2107C

# Triad

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



D13DC0



957C00



009AC5

# Complementary

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



D13DC0



3DD14E

# 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.



009A80



D13DC0



4D8E00

# Square

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



D13DC0



CA5F00



009736



0095F8

# Rectangle

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



D13DC0



F2244F



009736



009BAF



# Sweetspot

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



D13DC0



FFC9F9



4C3DD1



80607C



000000



808080



# Same Dimension

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



D13DC0



FF26E6



D13D78



695E67



A80095



290024



# Inverse Universe

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



D13DC0



FF26E6



3DD196



695E67



A80095

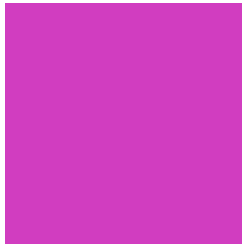


290024



# Previews

## White Background



This preview shows how the Hex color D13DC0 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

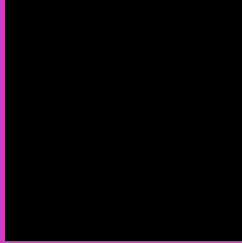
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D13DC0 Background



This preview shows how black text looks on a background with the Hex color D13DC0.

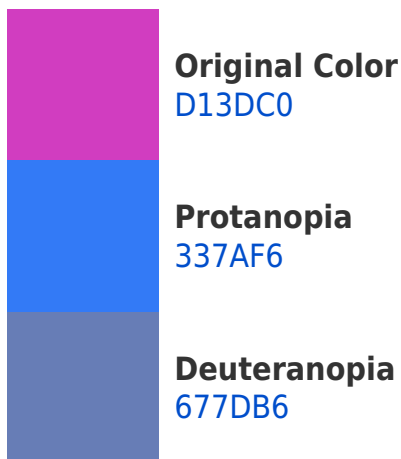



This preview shows how white text looks on a background with the Hex color D13DC0.

# 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](#).

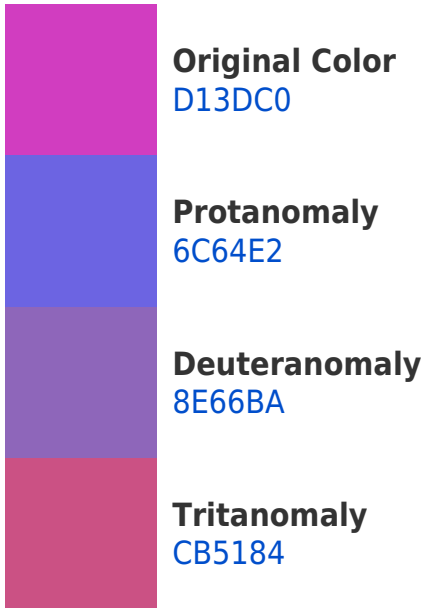
## Dichromacy



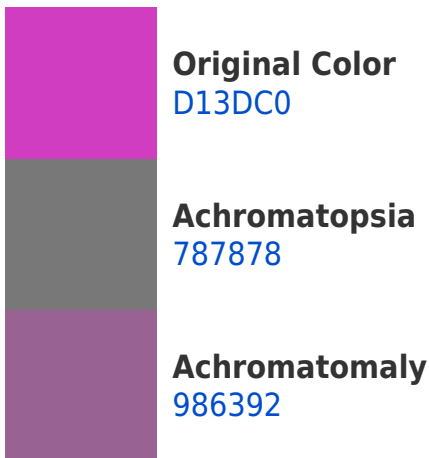


**Tritanopia**  
C75C62

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D13DC0 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 #D13DC0 looks like.

```
.text, #text, p{  
    color:#D13DC0  
}
```

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 #D13DC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D13DC0
}
```

## Border

The CSS property to change the border of an element to Hex D13DC0 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
#D13DC0 }
```

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

```
.border{ border-color:#D13DC0 }
```

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

Here you see how a box with a 4 pixel #D13DC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D13DC0; -webkit-box-shadow:4px 4px  
4px 4px #D13DC0; box-shadow:4px 4px 4px  
4px #D13DC0 }
```

# Background

The CSS property to change the background color of an element to Hex D13DC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D13DC0 }
```

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

```
.background{ background-color:#D13DC0 }
```

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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