

# Converting Colors

Hex(D184D3)

Have a look what the booklet for  
Hex(D184D3) contains.

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# **Color**

**Hex(D184D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D184D3
RGB	209, 132, 211
RGB Percent	82%, 52%, 83%
CMY	0.1804, 0.4824, 0.1725
CMYK	0.01, 0.37, 0.00, 0.17
HSL	298°, 47%, 67%
HSV	298°, 37%, 83%
XYZ	46.3036, 34.7610, 65.8971
YIQ	164.0290, 20.5330, 40.8930

# Conversions

## Conversions Part 2

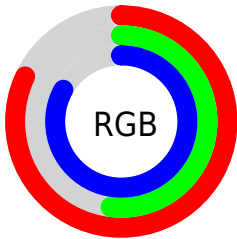
Format	Color
<a href="#">RYB</a>	<a href="#">209, 132, 211</a>
Decimal	<a href="#">13731027</a>
CIELab	<a href="#">65.56, 41.86, -28.55</a>
CIELCh	<a href="#">66, 50.672, 325.708</a>
Yxy	<a href="#">34.7610, 0.3151, 0.2365</a>
Android (android.graphics.Color)	<a href="#">4291921107 (0xFFD184D3)</a>
YUV	<a href="#">164.0290, 23.1567, 39.4396</a>
Hunter-Lab	<a href="#">58.9584, 37.0095, -24.9967</a>

# Details

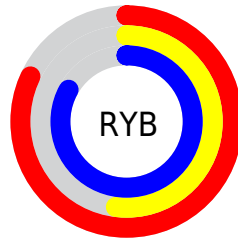
The Hex color **D184D3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86D384**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFBAFF**, and **99509C** is the 20% darker color. If you saturate the color by 10%, you get **D06FD3**, and if you desaturate by 10%, it is **D299D3**.

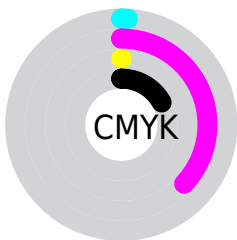
# Distribution



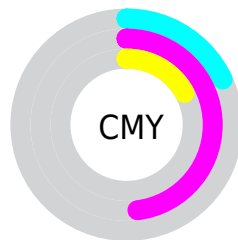
- Red (82%)
- Green (52%)
- Blue (83%)



- Red (82%)
- Yellow (52%)
- Blue (83%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (48%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D184D3 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 D184D3 by changing the saturation by 10% instead.



 D184D3

 D184D3

FFFFFF

 B56AB7

 FFBAFF

 99509C

 FFD7FF

 7E3782

 FFF3FF

 641D69

 4A0050

 320039

 1A0023

 000009

 000000

 D184D3

 D184D3

 D06FD3

 D299D3

 D05AD3

 D2AED3

 CF45D3

 D3C3D3

 CF30D3

 D3D8D3

 CE1BD3

 D4EDD3

 CE05D3

 D4FFD3

 CE00D3

 D5FFD3

 D6FFD3

# Harmonies

## Analogous

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



9796F1



D184D3



EF79A8

# Triad

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



D184D3



BF9B41



00B6C5

# Complementary

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



D184D3



86D384

# 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.



00B697



D184D3



93A849

# Square

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



D184D3



E18A55



5AB16A



00B1E9

# Rectangle

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



D184D3



F47989



5AB16A



00B6B6



# Sweetspot

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



D184D3



FEE3FF



8487D3



7F6F80



000000



808080



# Same Dimension

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



D184D3



FC8CFF



D384AE



685E69



A400A8



280029



# Inverse Universe

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



D38486



FF8C8F



84D3A9



695E5E



A80004

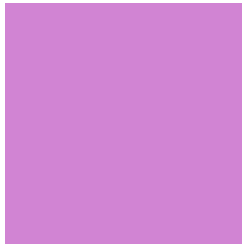


290001



# Previews

## White Background



This preview shows how the Hex color D184D3 looks on a white background.

## Color Contrast Check

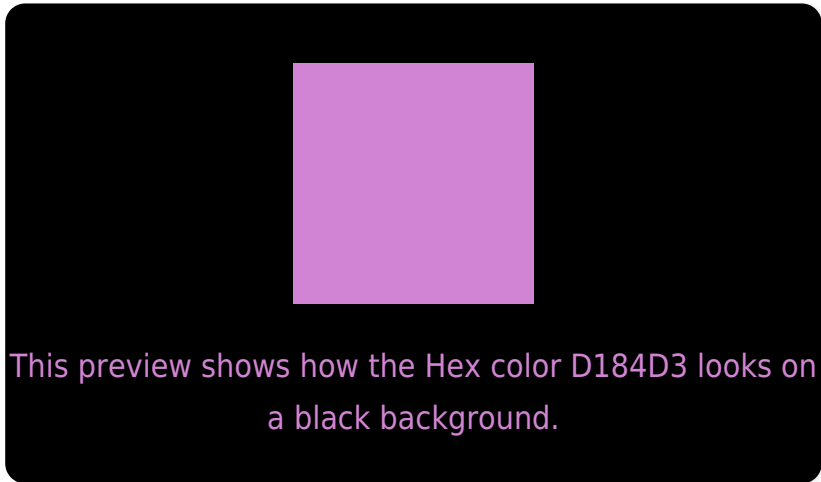
Large Text (above 18pt) WCAG AA × Fail

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

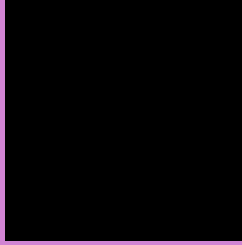
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D184D3 Background



This preview shows how black text looks on a background with the Hex color D184D3.

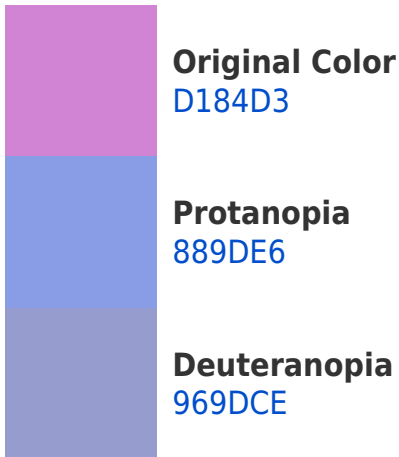


This preview shows how white text looks on a background with the Hex color D184D3.

# 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**  
CA909B

# Trichromacy



**Original Color**  
D184D3



**Protanomaly**  
A394DF



**Deuteranomaly**  
AB94D0

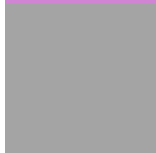


**Tritanomaly**  
CD8CAF

# Monochromacy



**Original Color**  
D184D3



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
B498B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D184D3 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 #D184D3 looks like.

```
.text, #text, p{  
    color:#D184D3  
}
```

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 #D184D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D184D3
}
```

## Border

The CSS property to change the border of an element to Hex D184D3 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
#D184D3 }
```

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

```
.border{ border-color:#D184D3 }
```

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

Here you see how a box with a 4 pixel #D184D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D184D3; -webkit-box-shadow:4px 4px  
4px 4px #D184D3; box-shadow:4px 4px 4px  
4px #D184D3 }
```

# Background

The CSS property to change the background color of an element to Hex D184D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D184D3 }
```

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

```
.background{ background-color:#D184D3 }
```

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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