

# Converting Colors

Hex(D293C0)

Have a look what the booklet for  
Hex(D293C0) contains.

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# **Color**

**Hex(D293C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D293C0
RGB	210, 147, 192
RGB Percent	82%, 58%, 75%
CMY	0.1765, 0.4235, 0.2471
CMYK	0.00, 0.30, 0.09, 0.18
HSL	317°, 41%, 70%
HSV	317°, 30%, 82%
XYZ	46.5265, 38.3748, 54.8240
YIQ	170.9670, 23.1030, 27.3510

# Conversions

## Conversions Part 2

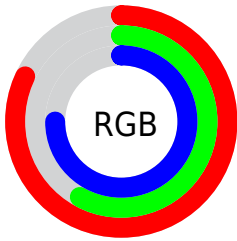
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 147, 192
Decimal	13800384
CIE <sub>Lab</sub>	68.30, 30.71, -13.77
CIE <sub>LCh</sub>	68, 33.658, 335.845
Yxy	38.3748, 0.3330, 0.2746
Android (android.graphics.Color)	4291990464 (0xFFD293C0)
YUV	170.9670, 10.3693, 34.2319
Hunter-Lab	61.9474, 25.6569, -9.1090

# Details

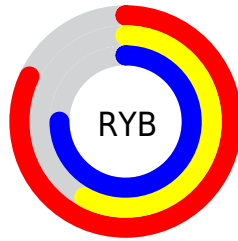
The Hex color **D293C0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **93D2A5**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFCAF8**, and **9B5F8A** is the 20% darker color. If you saturate the color by 10%, you get **D27EBA**, and if you desaturate by 10%, it is **D2A8C6**.

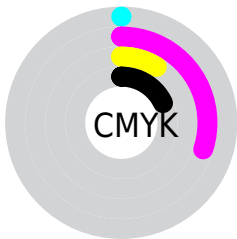
# Distribution



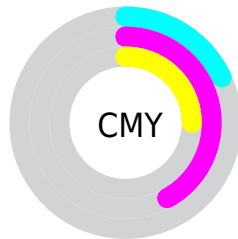
- Red (82%)
- Green (58%)
- Blue (75%)



- Red (82%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (9%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D293C0 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 D293C0 by changing the saturation by 10% instead.



 D293C0

 D293C0

FFFFFF

 B679A5

 FFCAF8

 9B5F8A

 FFE6FF

 804771

 662F58

 4D1741

 35002B

 200017

 000000

 D293C0

 D293C0

 D27EBA

 D2A8C6

 D269B4

 D2BDCC

 D254AE

 D2D2D2

 D23FA8

 D2E7D8

 D22AA2

 D2FCDE

 D2159C

 D2FFE4

 D20096

 D2FFEA

 D2FFF0

 D2FFF6

# Harmonies

## Analogous

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



B29DD8



D293C0



E18FA2

# Triad

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



D293C0



B5A76A



38B6C9

# Complementary

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



D293C0



93D2A5

# 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.



4BB7AC



D293C0



94AF74

# Square

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



D293C0



D09C70



70B58D



56B0DD

# Rectangle

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



D293C0



E2918E



70B58D



3AB7C0



# Sweetspot

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



D293C0



FFE8F8



A593D2



80717B



000000



808080



# Same Dimension

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



D293C0



FFA3E5



D293A1



695E66



A80078



29001D



# Inverse Universe

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



D293C0



FFA3E5



93D2C4



695E66



A80078

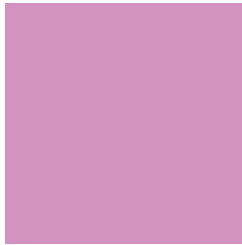


29001D



# Previews

## White Background



This preview shows how the Hex color D293C0 looks on a white background.

## Color Contrast Check

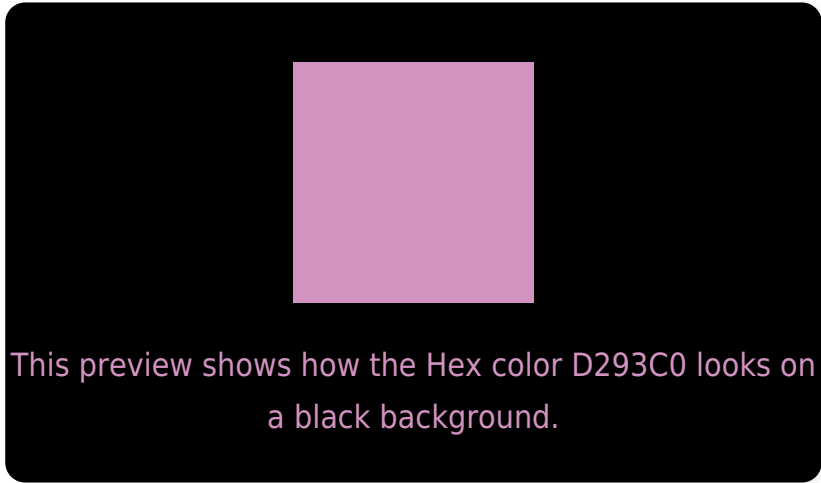
Large Text (above 18pt) WCAG AA × Fail

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

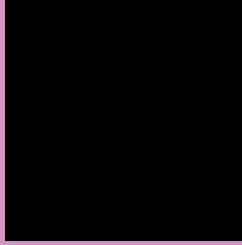
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D293C0 Background



This preview shows how black text looks on a background with the Hex color D293C0.

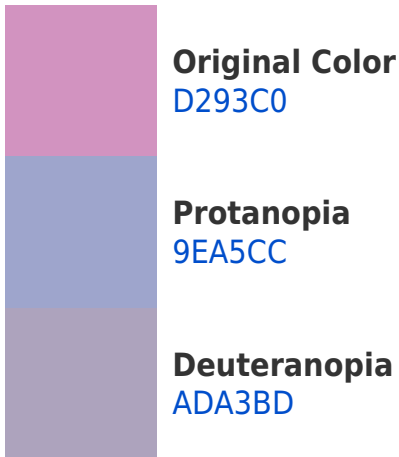


This preview shows how white text looks on a background with the Hex color D293C0.

# 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](#).

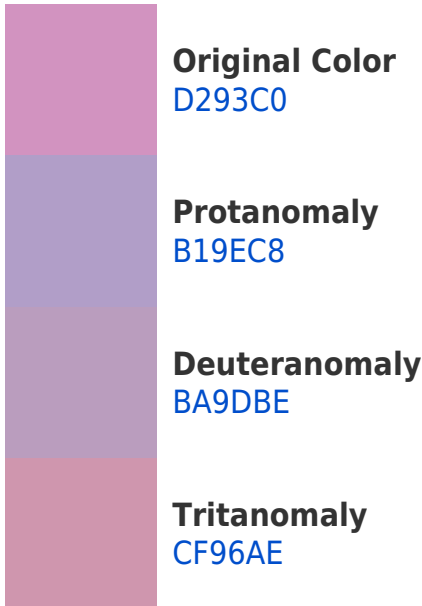
## Dichromacy



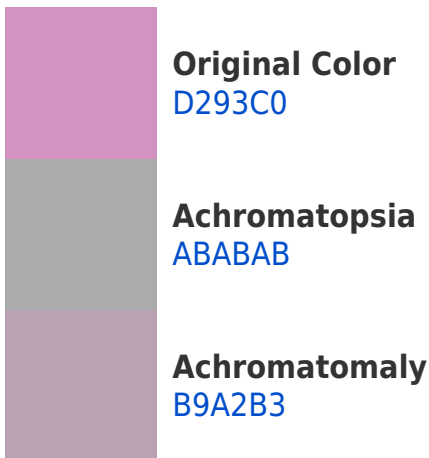


**Tritanopia**  
CE98A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D293C0 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 #D293C0 looks like.

```
.text, #text, p{  
    color:#D293C0  
}
```

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 #D293C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D293C0
}
```

## Border

The CSS property to change the border of an element to Hex D293C0 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
#D293C0 }
```

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

```
.border{ border-color:#D293C0 }
```

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

Here you see how a box with a 4 pixel #D293C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D293C0; -webkit-box-shadow:4px 4px  
4px 4px #D293C0; box-shadow:4px 4px 4px  
4px #D293C0 }
```

# Background

The CSS property to change the background color of an element to Hex D293C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D293C0 }
```

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

```
.background{ background-color:#D293C0 }
```

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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