

Converting Colors

Hex(D200B3)

Have a look what the booklet for
Hex(D200B3) contains.

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Color

Hex(D200B3)

Conversions

Conversions Part 1

Format	Color
Hex	D200B3
RGB	210, 0, 179
RGB Percent	82%, 0%, 70%
CMY	0.1765, 1.0000, 0.2980
CMYK	0.00, 1.00, 0.15, 0.18
HSL	309°, 100%, 41%
HSV	309°, 100%, 82%
XYZ	34.7150, 16.9563, 44.0910
YIQ	83.1960, 67.7010, 100.1890

Conversions

Conversions Part 2

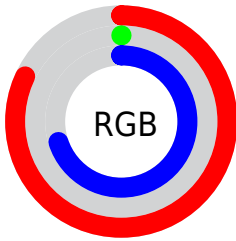
Format	Color
R_{YB}	210, 0, 179
Decimal	13762739
CIE _{Lab}	48.20, 80.66, -37.27
CIE _{LCh}	48, 88.855, 335.202
Yxy	16.9563, 0.3625, 0.1771
Android (android.graphics.Color)	4291952819 (0xFFD200B3)
YUV	83.1960, 47.2314, 111.2071
Hunter-Lab	41.1780, 78.4223, -34.6596

Details

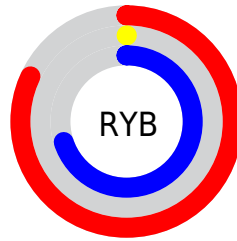
The Hex color **D200B3** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **00D21F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5DEB**, and **97007E** is the 20% darker color. If you saturate the color by 10%, you get **D200B3**, and if you desaturate by 10%, it is **D215B6**.

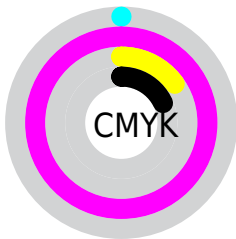
Distribution



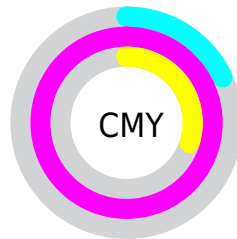
- Red (82%)
- Green (0%)
- Blue (70%)



- Red (82%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color D200B3 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 D200B3 by changing the saturation by 10% instead.

 D200B3

 D200B3

FFFFFF

 B40098

 FF5DEB

 97007E

 FF7CFF

 790064

 FF9AFF

 5D004C

 FFB8FF

 420035

 FFD6FF

 24001E

 FFF4FF

 000000

 D200B3

 D215B6

 D22AB9

 D23FBC

 D254BF

 D269C2

 D27EC6

 D293C9

 D2A8CC

 D2BDCF

Harmonies

Analogous

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



7956EF



D200B3



EF0069

Triad

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



D200B3



807400



0090C8

Complementary

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



D200B3



00D21F

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.



00907E



D200B3



258500

Square

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



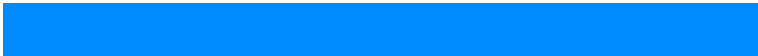
D200B3



BC5500



008D2C



008BFD

Rectangle

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



D200B3



EC0039



008D2C



0090B1

Sweetspot

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



D200B3



FFB3F4



1C00D2



805279



000000



808080

Same Dimension

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



D200B3



FF00D9



D2004D



695E67



A8008F



290023

Inverse Universe

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



D200B3



FF00D9



00D285



695E67



A8008F



290023

Previews

White Background



This preview shows how the Hex color D200B3 looks on a white background.

Color Contrast Check

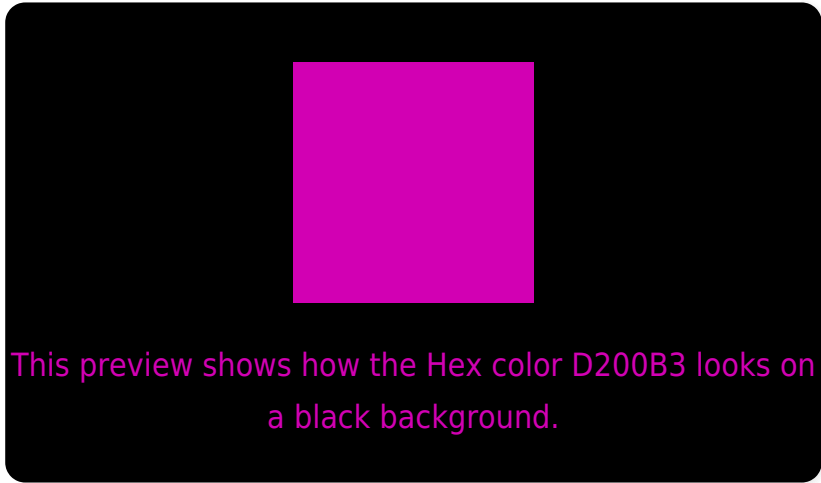
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

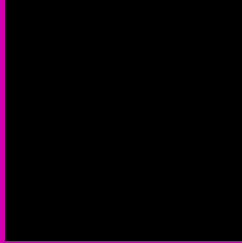
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex D200B3 Background



This preview shows how black text looks on a background with the Hex color D200B3.

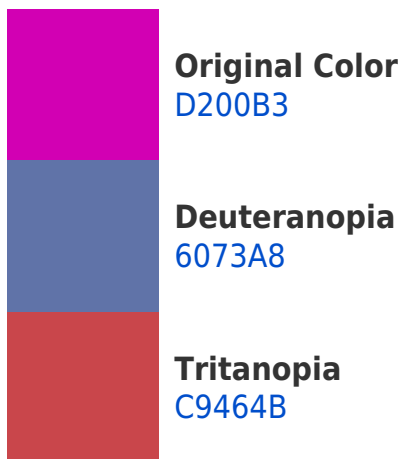


This preview shows how white text looks on a background with the Hex color D200B3.

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



Trichromacy



Original Color
D200B3



Deuteranomaly
8949AC

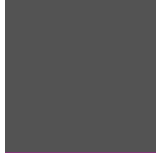


Tritanomaly
CC2D71

Monochromacy



Original Color
D200B3



Achromatopsia
535353



Achromatomaly
813576

CSS Examples

Text

The CSS property to change the color of the text to Hex D200B3 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 #D200B3 looks like.

```
.text, #text, p{  
    color:#D200B3  
}
```

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 #D200B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D200B3
}
```

Border

The CSS property to change the border of an element to Hex D200B3 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
#D200B3 }
```

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

```
.border{ border-color:#D200B3 }
```

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

Here you see how a box with a 4 pixel #D200B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D200B3; -webkit-box-shadow:4px 4px  
4px 4px #D200B3; box-shadow:4px 4px 4px  
4px #D200B3 }
```

Background

The CSS property to change the background color of an element to Hex D200B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D200B3 }
```

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

```
.background{ background-color:#D200B3 }
```

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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