

# Converting Colors

Hex(D200B8)

Have a look what the booklet for  
Hex(D200B8) contains.

<b>Hex(D200B8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(D200B8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D200B8
RGB	210, 0, 184
RGB Percent	82%, 0%, 72%
CMY	0.1765, 1.0000, 0.2784
CMYK	0.00, 1.00, 0.12, 0.18
HSL	307°, 100%, 41%
HSV	307°, 100%, 82%
XYZ	35.2301, 17.1623, 46.8032
YIQ	83.7660, 66.0960, 101.7440

# Conversions

## Conversions Part 2

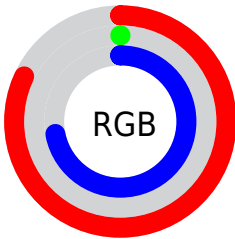
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 0, 184
Decimal	13762744
CIE <sub>Lab</sub>	48.46, 81.30, -39.79
CIE <sub>LCh</sub>	48, 90.520, 333.920
Yxy	17.1623, 0.3552, 0.1730
Android (android.graphics.Color)	4291952824 (0xFFD200B8)
YUV	83.7660, 49.4154, 110.7072
Hunter-Lab	41.4274, 79.2991, -37.9845

# Details

The Hex color **D200B8** 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 **00D21A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5DF1**, and **970082** is the 20% darker color. If you saturate the color by 10%, you get **D200B8**, and if you desaturate by 10%, it is **D215BB**.

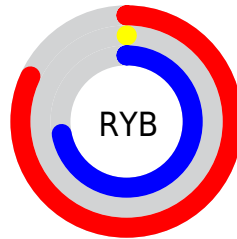
# Distribution



Red (82%)

Green (0%)

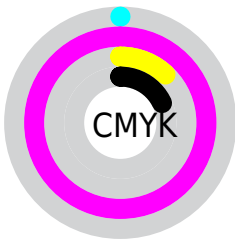
Blue (72%)



Red (82%)

Yellow (0%)

Blue (72%)

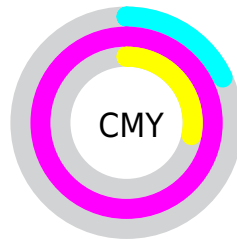


Cyan (0%)

Magenta (100%)

Yellow (12%)

Black (18%)



Cyan (18%)

Magenta (100%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D200B8 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 D200B8 by changing the saturation by 10% instead.



 D200B8

 D200B8

FFFFFF

 B4009D

 FF5DF1

 970082

 FF7CFF

 790069

 FF9AFF

 5D0050

 FFB8FF

 420039

 FFD6FF

 240022

 FFF4FF

 000006

 000000

 D200B8

 D215BB

 D22ABD

 D23FC0

 D254C2

 D269C5

 D27EC8

 D293CA

 D2A8CD

 D2BDCF

# Harmonies

## Analogous

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



7358F5



D200B8



F2006D

# Triad

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



D200B8



847400



0091C8

# Complementary

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



D200B8



00D21A

# 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.



00917C



D200B8



2A8500

# Square

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



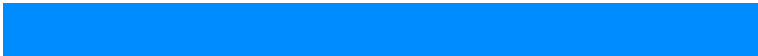
D200B8



C05300



008D27



008CFF

# Rectangle

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



D200B8



EF003B



008D27



0092B0



# Sweetspot

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



D200B8



FFB3F6



1900D2



80527A



000000



808080



# Same Dimension

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



D200B8



FF00DF



D20050



695E67



A80093



290024



# Inverse Universe

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



D200B8



FF00DF



00D282



695E67



A80093



290024



# Previews

## White Background



This preview shows how the Hex color D200B8 looks on a white background.

## Color Contrast Check

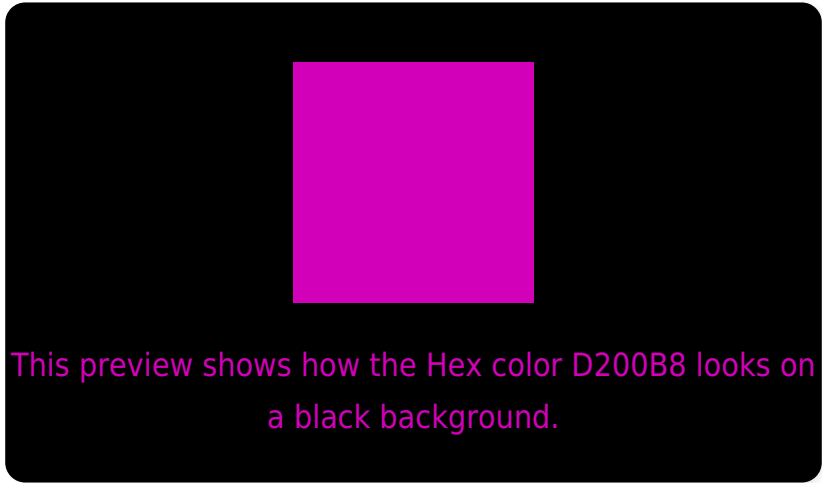
Large Text (above 18pt) WCAG AA ✓ Pass

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

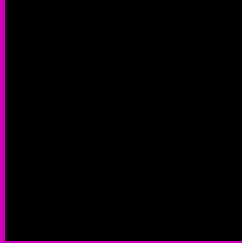
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D200B8 Background



This preview shows how black text looks on a background with the Hex color D200B8.

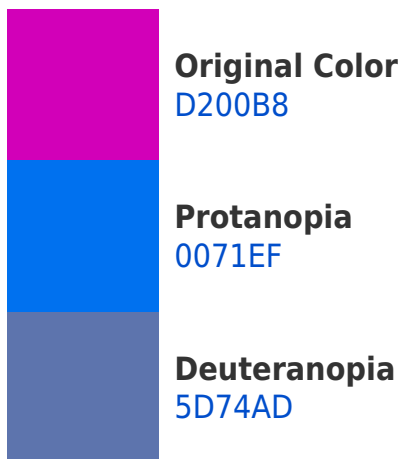



This preview shows how white text looks on a background with the Hex color D200B8.

# 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**  
C8484D

# Trichromacy



**Original Color**  
D200B8



**Protanomaly**  
4C48DB



**Deuteranomaly**  
884AB1



**Tritanomaly**  
CC2E74

# Monochromacy



**Original Color**  
D200B8



**Achromatopsia**  
545454



**Achromatomaly**  
823578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D200B8 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 #D200B8 looks like.

```
.text, #text, p{  
    color:#D200B8  
}
```

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 #D200B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D200B8
}
```

## Border

The CSS property to change the border of an element to Hex D200B8 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".

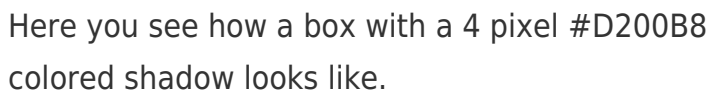
```
.border, #border, table{ border:4px solid
#D200B8 }
```

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

```
.border{ border-color:#D200B8 }
```

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

Here you see how a box with a 4 pixel #D200B8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D200B8; -webkit-box-shadow:4px 4px  
4px 4px #D200B8; box-shadow:4px 4px 4px  
4px #D200B8 }
```

# Background

The CSS property to change the background color of an element to Hex D200B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D200B8 }
```

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

```
.background{ background-color:#D200B8 }
```

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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