

# Converting Colors

Hex(D2328B)

Have a look what the booklet for  
Hex(D2328B) contains.

|  |    |
|--|----|
| <b>Hex(D2328B)</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(D2328B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | D2328B                     |
| RGB           | 210, 50, 139               |
| RGB Percent   | 82%, 20%, 55%              |
| CMY           | 0.1765, 0.8039, 0.4549     |
| CMYK          | 0.00, 0.76, 0.34, 0.18     |
| HSL           | 327°, 64%, 51%             |
| HSV           | 327°, 76%, 82%             |
| XYZ           | 32.3791, 17.8469, 26.1643  |
| YIQ           | 107.9860, 66.7910, 61.5990 |

# Conversions

## Conversions Part 2

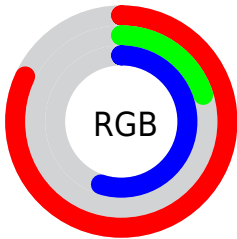
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 210, 50, 139                  |
| Decimal                             | 13775499                      |
| CIE <sub>Lab</sub>                  | 49.31, 67.70, -11.74          |
| CIE <sub>LCh</sub>                  | 49, 68.706, 350.164           |
| Yxy                                 | 17.8469, 0.4239,<br>0.2336    |
| Android<br>(android.graphics.Color) | 4291965579<br>(0xFFD2328B)    |
| YUV                                 | 107.9860, 15.2899,<br>89.4663 |
| Hunter-Lab                          | 42.2456, 62.8815,<br>-7.1486  |

# Details

The Hex color **D2328B** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **32D279**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **FF70C0**, and **970059** is the 20% darker color. If you saturate the color by 10%, you get **D21D82**, and if you desaturate by 10%, it is **D24794**.

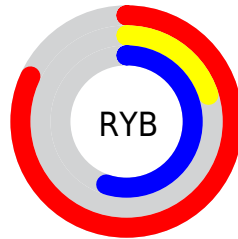
# Distribution



Red (82%)

Green (20%)

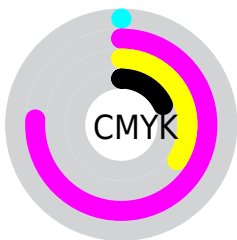
Blue (55%)



Red (82%)

Yellow (20%)

Blue (55%)

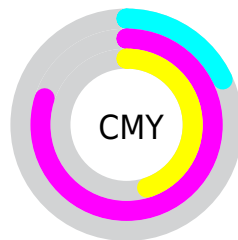


Cyan (0%)

Magenta (76%)

Yellow (34%)

Black (18%)



Cyan (18%)

Magenta (80%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2328B 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 D2328B by changing the saturation by 10% instead.



 D2328B

 D2328B

FFFFFF

 B40072

 FF70C0

 970059

 FF8CDC

 790042

 FFA9F9

 5D002B

 FFC7FF

 420017

 FFE4FF

 230001

 000000

 D2328B

 D2328B

 D21D82

 D24794

 D20878

 D25C9E

 D20075

 D271A7

 D286B0

 D29BBA

 D2B0C3

 D2C5CC

 D2DAD6

 D2EFD6

# Harmonies

## Analogous

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



A751C1



D2328B



DA3351

# Triad

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



D2328B



697E00



008CCE

# Complementary

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



D2328B



32D279

# 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.



008F9C



D2328B



008921

# Square

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



D2328B



9E6C00



008E5F



0082E9

# Rectangle

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



D2328B



CF462C



008E5F



008DC0



# Sweetspot

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



D2328B



FFC4E5



7732D2



805C70



000000



808080



# Same Dimension

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



D2328B



FF1798



D2323D



695E64



A8005E



290017



# Inverse Universe

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



D2328B



FF1798



32D2C7



695E64



A8005E

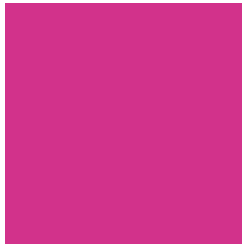


290017



# Previews

## White Background



This preview shows how the Hex color D2328B 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 ✓ 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 D2328B Background



This preview shows how black text looks on a background with the Hex color D2328B.



This preview shows how white text looks on a background with the Hex color D2328B.

# 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



**Original Color**  
D2328B

**Protanopia**  
5D74B8

**Deuteranopia**  
7B7383



**Tritanopia**  
CD464A

# Trichromacy



**Original Color**  
D2328B



**Protanomaly**  
885CA8



**Deuteranomaly**  
9B5B86

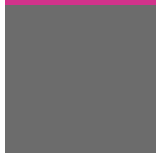


**Tritanomaly**  
CF3F62

# Monochromacy



**Original Color**  
D2328B



**Achromatopsia**  
6C6C6C



**Achromatomaly**  
915777

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2328B 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 #D2328B looks like.

```
.text, #text, p{  
    color:#D2328B  
}
```

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 #D2328B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2328B
}
```

## Border

The CSS property to change the border of an element to Hex D2328B 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
#D2328B }
```

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

```
.border{ border-color:#D2328B }
```

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

Here you see how a box with a 4 pixel #D2328B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2328B; -webkit-box-shadow:4px 4px  
4px 4px #D2328B; box-shadow:4px 4px 4px  
4px #D2328B }
```

# Background

The CSS property to change the background color of an element to Hex D2328B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2328B }
```

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

```
.background{ background-color:#D2328B }
```

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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