

# Converting Colors

Hex(D7328A)

Have a look what the booklet for  
Hex(D7328A) contains.

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**Color**

**Hex(D7328A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7328A
RGB	215, 50, 138
RGB Percent	84%, 20%, 54%
CMY	0.1569, 0.8039, 0.4588
CMYK	0.00, 0.77, 0.36, 0.16
HSL	328°, 67%, 52%
HSV	328°, 77%, 84%
XYZ	33.7524, 18.5633, 25.8489
YIQ	109.3670, 70.0920, 62.3480

# Conversions

## Conversions Part 2

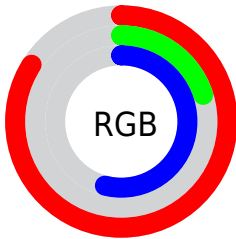
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">215, 50, 138</a>
Decimal	<a href="#">14103178</a>
CIELab	<a href="#">50.17, 68.85, -9.75</a>
CIElCh	<a href="#">50, 69.534, 351.940</a>
Yxy	<a href="#">18.5633, 0.4318, 0.2375</a>
Android (android.graphics.Color)	<a href="#">4292293258 (0xFFD7328A)</a>
YUV	<a href="#">109.3670, 14.1161, 92.6401</a>
Hunter-Lab	<a href="#">43.0851, 64.4360, -5.4114</a>

# Details

The Hex color **D7328A** 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 **32D77F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF70BF**, and **9B0058** is the 20% darker color. If you saturate the color by 10%, you get **D71C80**, and if you desaturate by 10%, it is **D74794**.

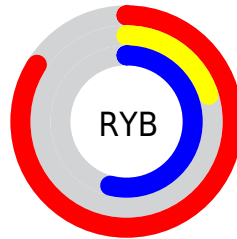
# Distribution



Red (84%)

Green (20%)

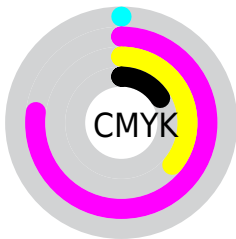
Blue (54%)



Red (84%)

Yellow (20%)

Blue (54%)

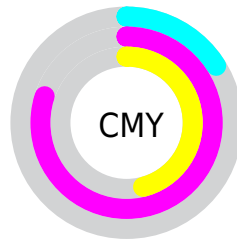


Cyan (0%)

Magenta (77%)

Yellow (36%)

Black (16%)



Cyan (16%)

Magenta (80%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7328A 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 D7328A by changing the saturation by 10% instead.



 D7328A

 D7328A

FFFFFF

 B90071

 FF70BF

 9B0058

 FF8DDB

 7E0041

 FFAAF8

 61002B

 FFC8FF

 460017

 FFE5FF

 280001

 000000

 D7328A

 D7328A

 D71C80

 D74794

 D70776

 D75D9E

 D70073

 D773A8

 D788B2

 D79EBC

 D7B3C6

 D7C9D0

 D7DEDA

 D7F3E4

# Harmonies

## Analogous

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



AD50C1



D7328A



DD364F

# Triad

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



D7328A



678100



008ED4

# Complementary

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



D7328A



32D77F

# 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.



0091A2



D7328A



008B26

# Square

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



D7328A



9E6F00



009065



0083EE

# Rectangle

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



D7328A



D14A2A



009065



0090C6



# Sweetspot

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



D7328A



FFC4E4



7F32D7



805C6F



000000



808080



# Same Dimension

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



D7328A



FF1492



D73237



6B6066



AB005B



2B0017



# Inverse Universe

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



D7328A



FF1492



32D7D2



6B6066



AB005B



2B0017



# Previews

## White Background



This preview shows how the Hex color D7328A looks on a white 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

# 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 D7328A Background



This preview shows how black text looks on a background with the Hex color D7328A.

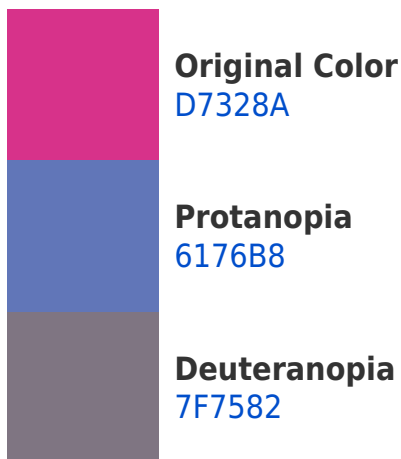



This preview shows how white text looks on a background with the Hex color D7328A.

# 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**  
D34549

# Trichromacy



**Original Color**  
D7328A



**Protanomaly**  
8C5DA7



**Deuteranomaly**  
9F5D85



**Tritanomaly**  
D43E61

# Monochromacy



**Original Color**  
D7328A



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
945878

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7328A 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 #D7328A looks like.

```
.text, #text, p{  
    color:#D7328A  
}
```

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 #D7328A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7328A
}
```

## Border

The CSS property to change the border of an element to Hex D7328A 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
#D7328A }
```

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

```
.border{ border-color:#D7328A }
```

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

Here you see how a box with a 4 pixel #D7328A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7328A; -webkit-box-shadow:4px 4px  
4px 4px #D7328A; box-shadow:4px 4px 4px  
4px #D7328A }
```

# Background

The CSS property to change the background color of an element to Hex D7328A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7328A }
```

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

```
.background{ background-color:#D7328A }
```

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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