

# Converting Colors

Hex(DD268F)

Have a look what the booklet for  
Hex(DD268F) contains.

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# Color

**Hex(DD268F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD268F
RGB	221, 38, 143
RGB Percent	87%, 15%, 56%
CMY	0.1333, 0.8510, 0.4392
CMYK	0.00, 0.83, 0.35, 0.13
HSL	326°, 73%, 51%
HSV	326°, 83%, 87%
XYZ	35.4698, 18.7415, 27.7346
YIQ	104.6870, 75.3630, 71.4510

# Conversions

## Conversions Part 2

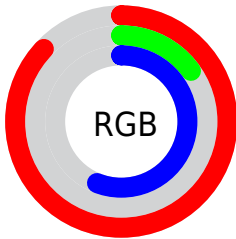
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 38, 143
Decimal	14493327
CIE <sub>Lab</sub>	50.38, 73.84, -12.33
CIE <sub>LCh</sub>	50, 74.865, 350.524
Yxy	18.7415, 0.4328, 0.2287
Android (android.graphics.Color)	4292683407 (0xFFDD268F)
YUV	104.6870, 18.8883, 102.0065
Hunter-Lab	43.2915, 70.4894, -7.6800

# Details

The Hex color **DD268F** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **26DD74**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF6AC5**, and **A1005D** is the 20% darker color. If you saturate the color by 10%, you get **DD1086**, and if you desaturate by 10%, it is **DD3C98**.

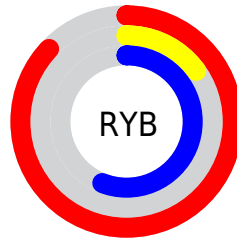
# Distribution



Red (87%)

Green (15%)

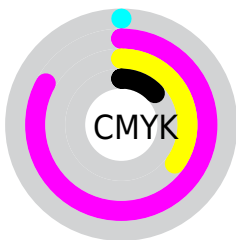
Blue (56%)



Red (87%)

Yellow (15%)

Blue (56%)

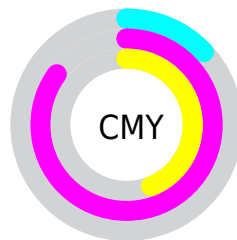


Cyan (0%)

Magenta (83%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (85%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD268F 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 DD268F by changing the saturation by 10% instead.



 DD268F

 DD268F

FFFFFF

 BF0075

 FF6AC5

 A1005D

 FF88E1

 830045

 FFA5FD

 65002F

 FFC3FF

 4A001B

 FFE1FF

 2C0001

 000000

 DD268F

 DD268F

 DD1086

 DD3C98

 DD007F

 DD52A2

 DD68AB

 DD7EB5

 DD95BE

 DDABC8

 DDC1D1

 DDD7DA

 DDEDE4

# Harmonies

## Analogous

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



AE4ECA



DD268F



E42950

# Triad

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



DD268F



688200



0090DA

# Complementary

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



DD268F



26DD74

# 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.



0093A3



DD268F



008D19

# Square

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



DD268F



A26E00



009261



0086F7

# Rectangle

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



DD268F



D84327



009261



0092CA



# Sweetspot

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



DD268F



FFBFE4



7226DD



80596F



000000



808080



# Same Dimension

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



DD268F



FF0393



DD2635



6E6369



AD0063



2E001A



# Inverse Universe

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



DD268F



FF0393



26DDCE



6E6369



AD0063



2E001A



# Previews

## White Background



This preview shows how the Hex color DD268F looks on a white background.

## Color Contrast Check

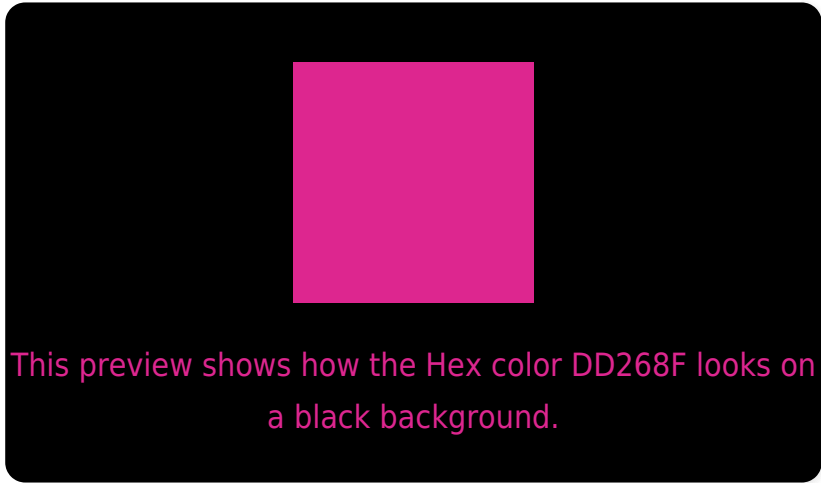
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD268F Background



This preview shows how black text looks on a background with the Hex color DD268F.



This preview shows how white text looks on a background with the Hex color DD268F.

# 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**  
D84144

# Trichromacy



**Original Color**  
DD268F



**Protanomaly**  
8A59B1



**Deuteranomaly**  
A15889



**Tritanomaly**  
DA375F

# Monochromacy



**Original Color**  
DD268F



**Achromatopsia**  
696969



**Achromatomaly**  
935177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD268F 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 #DD268F looks like.

```
.text, #text, p{  
    color:#DD268F  
}
```

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 #DD268F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD268F
}
```

## Border

The CSS property to change the border of an element to Hex DD268F 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
#DD268F }
```

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

```
.border{ border-color:#DD268F }
```

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

Here you see how a box with a 4 pixel #DD268F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD268F; -webkit-box-shadow:4px 4px  
4px 4px #DD268F; box-shadow:4px 4px 4px  
4px #DD268F }
```

# Background

The CSS property to change the background color of an element to Hex DD268F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD268F }
```

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

```
.background{ background-color:#DD268F }
```

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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