

# Converting Colors

Hex(DD2285)

Have a look what the booklet for  
Hex(DD2285) contains.

<b>Hex(DD2285)</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(DD2285)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD2285
RGB	221, 34, 133
RGB Percent	87%, 13%, 52%
CMY	0.1333, 0.8667, 0.4784
CMYK	0.00, 0.85, 0.40, 0.13
HSL	328°, 73%, 50%
HSV	328°, 85%, 87%
XYZ	34.6245, 18.2097, 23.8802
YIQ	101.1990, 79.6730, 70.4330

# Conversions

## Conversions Part 2

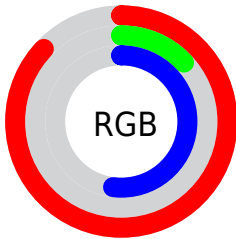
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 34, 133</a>
Decimal	<a href="#">14492293</a>
CIELab	<a href="#">49.75, 73.69, -7.25</a>
CIElCh	<a href="#">50, 74.049, 354.381</a>
Yxy	<a href="#">18.2097, 0.4513, 0.2374</a>
Android (android.graphics.Color)	<a href="#">4292682373</a> ( <a href="#">0xFFDD2285</a> )
YUV	<a href="#">101.1990, 15.6779, 105.0655</a>
Hunter-Lab	<a href="#">42.6728, 70.1565, -3.3085</a>

# Details

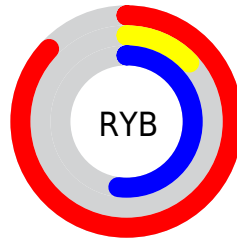
The Hex color **DD2285** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **22DD7A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF67BA**, and **A00054** is the 20% darker color. If you saturate the color by 10%, you get **DD0C7B**, and if you desaturate by 10%, it is **DD388F**.

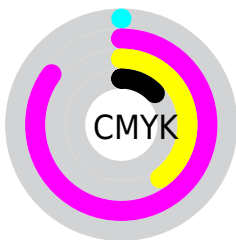
# Distribution



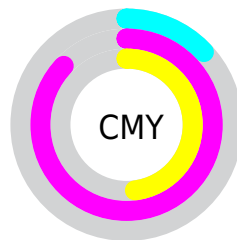
- Red (87%)
- Green (13%)
- Blue (52%)



- Red (87%)
- Yellow (13%)
- Blue (52%)



- Cyan (0%)
- Magenta (85%)
- Yellow (40%)
- Black (13%)



- Cyan (13%)
- Magenta (87%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD2285 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 DD2285 by changing the saturation by 10% instead.



 DD2285

 DD2285

FFFFFF

 BE006C

 FF67BA

 A00054

 FF85D6

 82003D

 FFA3F2

 650027

 FFC1FF

 4A0012

 FFDEFF

 2A0001

 FFFDFD

 000000

 DD2285

 DD2285

 DD0C7B

 DD388F

 DD0075

 DD4E9A

 DD64A4

 DD7AAF

 DD91B9

 DDA7C3

 DDBDCE

 DDD3D8

 DDE9E3

# Harmonies

## Analogous

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



B548C1



DD2285



E02D47

# Triad

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



DD2285



5E8200



008EDD

# Complementary

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



DD2285



22DD7A

# 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.



0091A9



DD2285



008C24

# Square

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



DD2285



9A7000



009068



0082F5

# Rectangle

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



DD2285



D2471D



009068



0090CE



# Sweetspot

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



DD2285



FFBFE1



7922DD



80596E



000000



808080



# Same Dimension

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



DD2285



FF0087



DD2228



6E6368



AD005C



2E0018



# Inverse Universe

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



DD2285



FF0087



22DDD7



6E6368



AD005C



2E0018



# Previews

## White Background



This preview shows how the Hex color DD2285 looks on a white background.

## Color Contrast Check

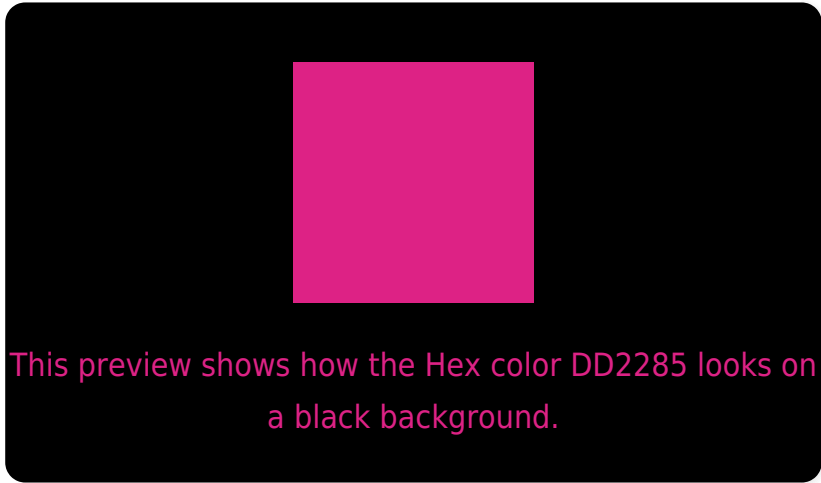
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD2285 Background



This preview shows how black text looks on a background with the Hex color DD2285.



This preview shows how white text looks on a background with the Hex color DD2285.

# 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**  
D93C3E

# Trichromacy



**Original Color**  
DD2285



**Protanomaly**  
8D57A6



**Deuteranomaly**  
A2567F



**Tritanomaly**  
DA3358

# Monochromacy



**Original Color**  
DD2285



**Achromatopsia**  
656565



**Achromatomaly**  
914D71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD2285 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 #DD2285 looks like.

```
.text, #text, p{  
    color:#DD2285  
}
```

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 #DD2285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD2285  
}
```

## Border

The CSS property to change the border of an element to Hex DD2285 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  
#DD2285 }
```

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

```
.border{ border-color:#DD2285 }
```

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

Here you see how a box with a 4 pixel #DD2285 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD2285; -webkit-box-shadow:4px 4px  
4px 4px #DD2285; box-shadow:4px 4px 4px  
4px #DD2285 }
```

# Background

The CSS property to change the background color of an element to Hex DD2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD2285 }
```

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

```
.background{ background-color:#DD2285 }
```

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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