

# Converting Colors

Hex(D52285)

Have a look what the booklet for  
Hex(D52285) contains.

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# Color

**Hex(D52285)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | D52285                    |
| RGB           | 213, 34, 133              |
| RGB Percent   | 84%, 13%, 52%             |
| CMY           | 0.1647, 0.8667, 0.4784    |
| CMYK          | 0.00, 0.84, 0.38, 0.16    |
| HSL           | 327°, 72%, 48%            |
| HSV           | 327°, 84%, 84%            |
| XYZ           | 32.2462, 16.9836, 23.7689 |
| YIQ           | 98.8070, 74.9050, 68.7370 |

# Conversions

## Conversions Part 2

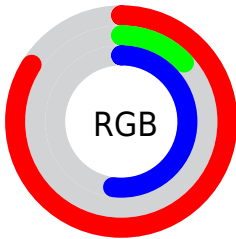
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 213, 34, 133                  |
| Decimal                             | 13968005                      |
| CIE Lab                             | 48.24, 71.83, -9.67           |
| CIE LCh                             | 48, 72.479, 352.336           |
| Yxy                                 | 16.9836, 0.4417,<br>0.2327    |
| Android<br>(android.graphics.Color) | 4292158085<br>(0xFFD52285)    |
| YUV                                 | 98.8070, 16.8571,<br>100.1473 |
| Hunter-Lab                          | 41.2112, 67.5500,<br>-5.3481  |

# Details

The Hex color **D52285** 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 **22D572**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF66BA**, and **990054** is the 20% darker color. If you saturate the color by 10%, you get **D50D7B**, and if you desaturate by 10%, it is **D5378F**.

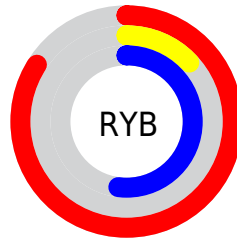
# Distribution



Red (84%)

Green (13%)

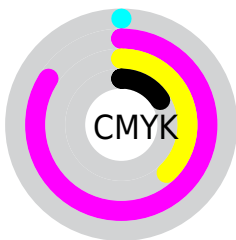
Blue (52%)



Red (84%)

Yellow (13%)

Blue (52%)

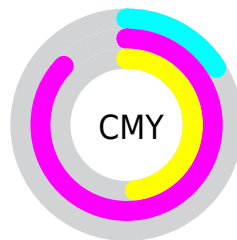


Cyan (0%)

Magenta (84%)

Yellow (38%)

Black (16%)



Cyan (16%)

Magenta (87%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D52285 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 D52285 by changing the saturation by 10% instead.



 D52285

 D52285

FFFFFF

 B7006C

 FF66BA

 990054

 FF84D6

 7B003C

 FFA1F2

 5E0027

 FFBFFF

 430012

 FFDCFF

 230001

 FFFAFF

 000000

 D52285

 D52285

 D50D7B

 D5378F

 D50076

 D54D98

 D562A2

 D577AB

 D58CB5

 D5A2BE

 D5B7C8

 D5CCD1

 D5E2DB

# Harmonies

## Analogous

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



AB48BE



D52285



DA2948

# Triad

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



D52285



5F7D00



008AD3

# Complementary

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



D52285



22D572

# 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.



008DA0



D52285



00871D

# Square

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



D52285



986A00



008C60



007FED

# Rectangle

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



D52285



CD4221



008C60



008BC4



# Sweetspot

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



D52285



FFBFE3



7022D5



80596E



000000



808080



# Same Dimension

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



D52285



FF008D



D5222E



6B6066



AB005E



2B0018



# Inverse Universe

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



D52285



FF008D



22D5C9



6B6066



AB005E



2B0018



# Previews

## White Background



This preview shows how the Hex color D52285 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 D52285 Background



This preview shows how black text looks on a background with the Hex color D52285.

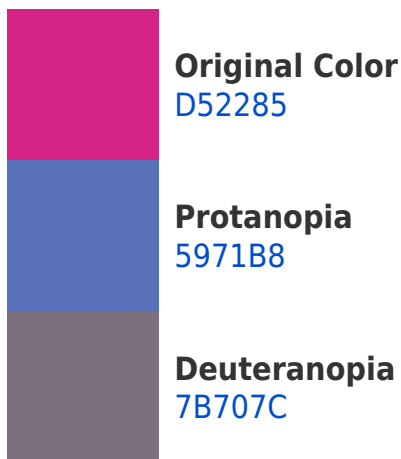


This preview shows how white text looks on a background with the Hex color D52285.

# 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**  
D13C3E

# Trichromacy



**Original Color**  
D52285



**Protanomaly**  
8654A5



**Deuteranomaly**  
9C547F



**Tritanomaly**  
D23358

# Monochromacy



**Original Color**  
D52285



**Achromatopsia**  
636363



**Achromatomaly**  
8C4B6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D52285 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 #D52285 looks like.

```
.text, #text, p{  
    color:#D52285  
}
```

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 #D52285 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52285
}
```

## Border

The CSS property to change the border of an element to Hex D52285 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".

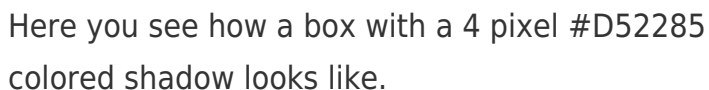
```
.border, #border, table{ border:4px solid
#D52285 }
```

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

```
.border{ border-color:#D52285 }
```

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

Here you see how a box with a 4 pixel #D52285 colored shadow looks like.

A rectangular box with a thick magenta border and a magenta shadow. The box is white with a magenta border and a magenta shadow. The shadow is a 4px magenta shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52285; -webkit-box-shadow:4px 4px  
4px 4px #D52285; box-shadow:4px 4px 4px  
4px #D52285 }
```

# Background

The CSS property to change the background color of an element to Hex D52285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52285 }
```

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

```
.background{ background-color:#D52285 }
```

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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