

# Converting Colors

Hex(D45DA3)

Have a look what the booklet for  
Hex(D45DA3) contains.

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**Color**

**Hex(D45DA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D45DA3
RGB	212, 93, 163
RGB Percent	83%, 36%, 64%
CMY	0.1686, 0.6353, 0.3608
CMYK	0.00, 0.56, 0.23, 0.17
HSL	325°, 58%, 60%
HSV	325°, 56%, 83%
XYZ	37.6766, 24.4701, 37.3878
YIQ	136.5610, 48.4540, 46.9980

# Conversions

## Conversions Part 2

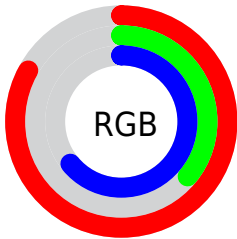
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 93, 163
Decimal	13917603
CIE Lab	56.56, 54.56, -14.96
CIE LCh	57, 56.568, 344.670
Yxy	24.4701, 0.3785, 0.2458
Android (android.graphics.Color)	4292107683 (0xFFD45DA3)
YUV	136.5610, 13.0344, 66.1600
Hunter-Lab	49.4673, 49.3863, -10.1848

# Details

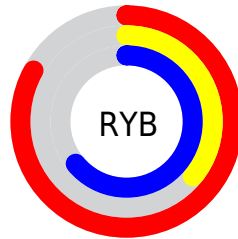
The Hex color **D45DA3** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5DD48E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF94DA**, and **9A246F** is the 20% darker color. If you saturate the color by 10%, you get **D4489A**, and if you desaturate by 10%, it is **D472AC**.

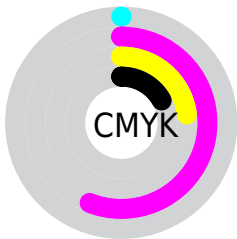
# Distribution



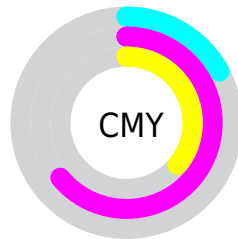
- Red (83%)
- Green (36%)
- Blue (64%)



- Red (83%)
- Yellow (36%)
- Blue (64%)



- Cyan (0%)
- Magenta (56%)
- Yellow (23%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D45DA3 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 D45DA3 by changing the saturation by 10% instead.



 D45DA3

 D45DA3

FFFFFF

 B74189

 FF94DA

 9A246F

 FFB0F6

 7E0057

 FFCCFF

 63003F

 FFEAFF

 480029

 2F0014

 000000

 D45DA3

 D45DA3

 D4489A

 D472AC

 D43392

 D487B4

 D41D89

 D49DBD

 D40880

 D4B2C6

 D4007D

 D4C7CF

 D4DCD7

 D4F1E0

 D4FFE9

 D4FFF2

# Harmonies

## Analogous

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



A970CE



D45DA3



E15A71

# Triad

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



D45DA3



8A8D1C



009DCC

# Complementary

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



D45DA3



5DD48E

# 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.



009F9F



D45DA3



52983D

# Square

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



D45DA3



B67C21



009E6C



0094E7

# Rectangle

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



D45DA3



DB6252



009E6C



009EBE



# Sweetspot

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



D45DA3



FFD4ED



8D5DD4



806675



000000



808080



# Same Dimension

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



D45DA3



FF54B9



D45D69



6B6067



AB0065



2B001A



# Inverse Universe

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



D45DA3



FF54B9



5DD4C8



6B6067



AB0065



2B001A



# Previews

## White Background



This preview shows how the Hex color D45DA3 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 D45DA3 Background



This preview shows how black text looks on a background with the Hex color D45DA3.

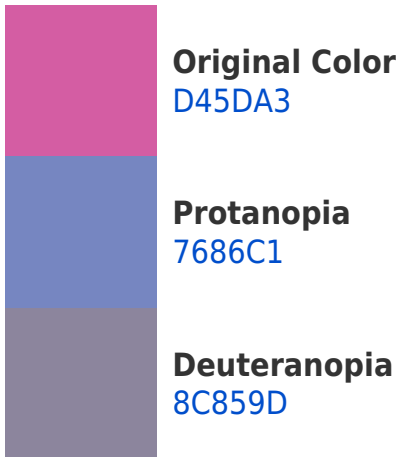


This preview shows how white text looks on a background with the Hex color D45DA3.

# 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**  
CF6870

# Trichromacy



**Original Color**  
D45DA3



**Protanomaly**  
9877B6



**Deuteranomaly**  
A6769F

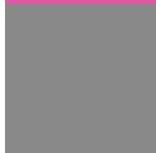


**Tritanomaly**  
D16483

# Monochromacy



**Original Color**  
D45DA3



**Achromatopsia**  
898989



**Achromatomaly**  
A47992

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D45DA3 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 #D45DA3 looks like.

```
.text, #text, p{  
    color:#D45DA3  
}
```

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 #D45DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D45DA3
}
```

## Border

The CSS property to change the border of an element to Hex D45DA3 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
#D45DA3 }
```

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

```
.border{ border-color:#D45DA3 }
```

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

Here you see how a box with a 4 pixel #D45DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D45DA3; -webkit-box-shadow:4px 4px  
4px 4px #D45DA3; box-shadow:4px 4px 4px  
4px #D45DA3 }
```

# Background

The CSS property to change the background color of an element to Hex D45DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D45DA3 }
```

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

```
.background{ background-color:#D45DA3 }
```

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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