

# Converting Colors

Hex(D383AA)

Have a look what the booklet for  
Hex(D383AA) contains.

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# **Color**

**Hex(D383AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D383AA
RGB	211, 131, 170
RGB Percent	83%, 51%, 67%
CMY	0.1725, 0.4863, 0.3333
CMYK	0.00, 0.38, 0.19, 0.17
HSL	331°, 48%, 67%
HSV	331°, 38%, 83%
XYZ	42.2360, 32.9838, 42.1706
YIQ	159.3660, 35.1610, 29.0890

# Conversions

## Conversions Part 2

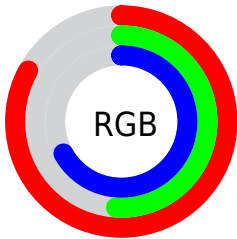
Format	Color
R <sub>Y</sub> B	211, 131, 170
Decimal	13861802
CIE Lab	64.15, 36.09, -7.60
CIE LCh	64, 36.877, 348.108
Yxy	32.9838, 0.3598, 0.2810
Android (android.graphics.Color)	4292051882 (0xFFD383AA)
YUV	159.3660, 5.2426, 45.2830
Hunter-Lab	57.4315, 30.7664, -3.3332

# Details

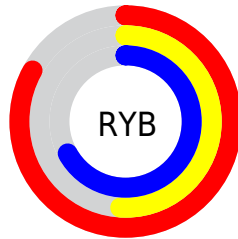
The Hex color **D383AA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **83D3AC**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB9E1**, and **9B5076** is the 20% darker color. If you saturate the color by 10%, you get **D36E9F**, and if you desaturate by 10%, it is **D398B5**.

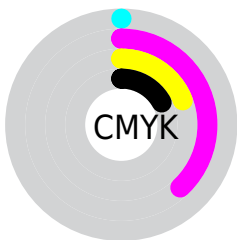
# Distribution



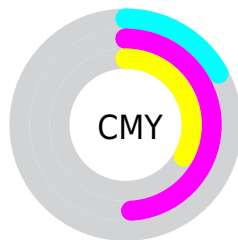
- Red (83%)
- Green (51%)
- Blue (67%)



- Red (83%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (49%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D383AA 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 D383AA by changing the saturation by 10% instead.



 D383AA

FFFFFF

 FFB9E1

 FFD5FE

 FFF2FF

 D383AA

 B76990

 9B5076

 80375D

 651E46

 4C012F

 33001B

 170000

 000000

 D383AA

 D383AA

 D36E9F

 D398B5

 D35994

 D3ADC0

 D3448A

 D3C2CA

 D32F7F

 D3D7D5

 D31974

 D3EDE0

 D30469

 D3FFEB

 D30067

 D3FFF6

 D3FFFF

# Harmonies

## Analogous

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



B88CC8



D383AA



DC8289

# Triad

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



D383AA



9DA05C



00AACB

# Complementary

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



D383AA



83D3AC

# 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.



08ADAF



D383AA



77A86E

# Square

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



D383AA



BC955B



4CAC8D



52A3DB

# Rectangle

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



D383AA



D78774



4CAC8D



00ABC3



# Sweetspot

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



D383AA



FFE3F1



AB83D3



806F77



000000



808080



# Same Dimension

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



D383AA



FF8CC4



D38383



695E63



A80052



290014



# Inverse Universe

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



D383AA



FF8CC4



83D3D3



695E63



A80052

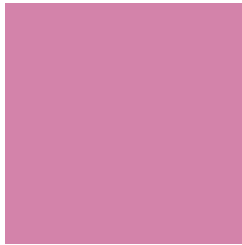


290014



# Previews

## White Background



This preview shows how the Hex color D383AA looks on a white background.

## Color Contrast Check

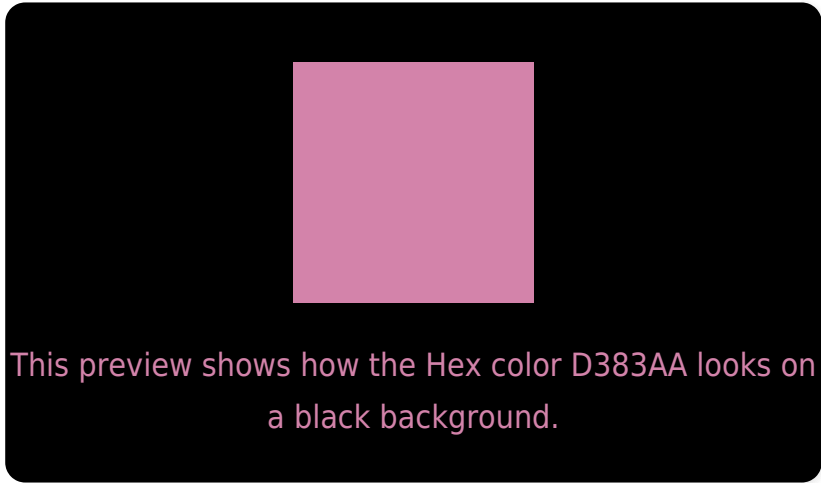
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D383AA Background



This preview shows how black text looks on a background with the Hex color D383AA.

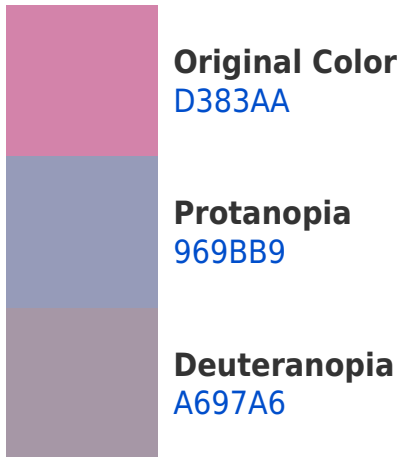


This preview shows how white text looks on a background with the Hex color D383AA.

# 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**  
D08792

# Trichromacy



**Original Color**  
D383AA



**Protanomaly**  
AC92B4



**Deuteranomaly**  
B690A7



**Tritanomaly**  
D1869B

# Monochromacy



**Original Color**  
D383AA



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
B295A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D383AA 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 #D383AA looks like.

```
.text, #text, p{  
    color:#D383AA  
}
```

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 #D383AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D383AA
}
```

## Border

The CSS property to change the border of an element to Hex D383AA 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
#D383AA }
```

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

```
.border{ border-color:#D383AA }
```

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

Here you see how a box with a 4 pixel #D383AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D383AA; -webkit-box-shadow:4px 4px  
4px 4px #D383AA; box-shadow:4px 4px 4px  
4px #D383AA }
```

# Background

The CSS property to change the background color of an element to Hex D383AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D383AA }
```

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

```
.background{ background-color:#D383AA }
```

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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