

Converting Colors

Hex(D438AC)

Have a look what the booklet for
Hex(D438AC) contains.

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Color

Hex(D438AC)

Conversions

Conversions Part 1

Format	Color
Hex	D438AC
RGB	212, 56, 172
RGB Percent	83%, 22%, 67%
CMY	0.1686, 0.7804, 0.3255
CMYK	0.00, 0.74, 0.19, 0.17
HSL	315°, 64%, 53%
HSV	315°, 74%, 83%
XYZ	36.0119, 19.8040, 40.9542
YIQ	115.8680, 55.7400, 69.1480

Conversions

Conversions Part 2

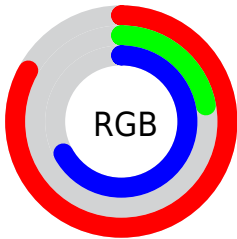
Format	Color
R_{YB}	212, 56, 172
Decimal	13908140
CIE _{Lab}	51.61, 70.36, -27.79
CIE _{LCh}	52, 75.650, 338.446
Yxy	19.8040, 0.3721, 0.2046
Android (android.graphics.Color)	4292098220 (0xFFD438AC)
YUV	115.8680, 27.6731, 84.3078
Hunter-Lab	44.5016, 66.5693, -23.4126

Details

The Hex color **D438AC** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **38D460**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF75E4**, and **990077** is the 20% darker color. If you saturate the color by 10%, you get **D423A7**, and if you desaturate by 10%, it is **D44DB1**.

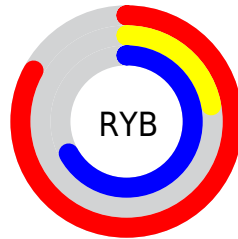
Distribution



Red (83%)

Green (22%)

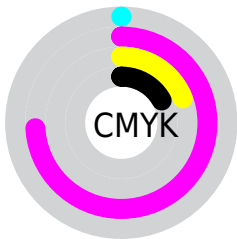
Blue (67%)



Red (83%)

Yellow (22%)

Blue (67%)

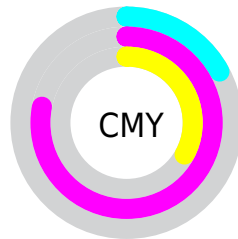


Cyan (0%)

Magenta (74%)

Yellow (19%)

Black (17%)



Cyan (17%)

Magenta (78%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D438AC 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 D438AC by changing the saturation by 10% instead.

 D438AC

 D438AC

FFFFFF

 B60A91

 FF75E4

 990077

 FF92FF

 7C005E

 FFAFFF

 600046

 FFCCFF

 460030

 FFEAFF

 29001A

 000000

 D438AC

 D438AC

 D423A7

 D44DB1

 D40EA1

 D462B7

 D4009E

 D478BC

 D48DC2

 D4A2C7

 D4B7CD

 D4CCD2

 D4E2D7

 D4F7DD

Harmonies

Analogous

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



9160E2



D438AC



EA226C

Triad

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



D438AC



857E00



0096CB

Complementary

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



D438AC



38D460

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.



00978C



D438AC



3A8D00

Square

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



D438AC



BA6600



009448



008FF4

Rectangle

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



D438AC



E63642



009448



0097B7

Sweetspot

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



D438AC



FFC7F1



5F38D4



805E77



000000



808080

Same Dimension

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



D438AC



FF1FC5



D4385F



6B6068



AB007F



2B0020

Inverse Universe

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



D438AC



FF1FC5



38D4AD



6B6068



AB007F



2B0020

Previews

White Background



This preview shows how the Hex color D438AC looks on a white background.

Color Contrast Check

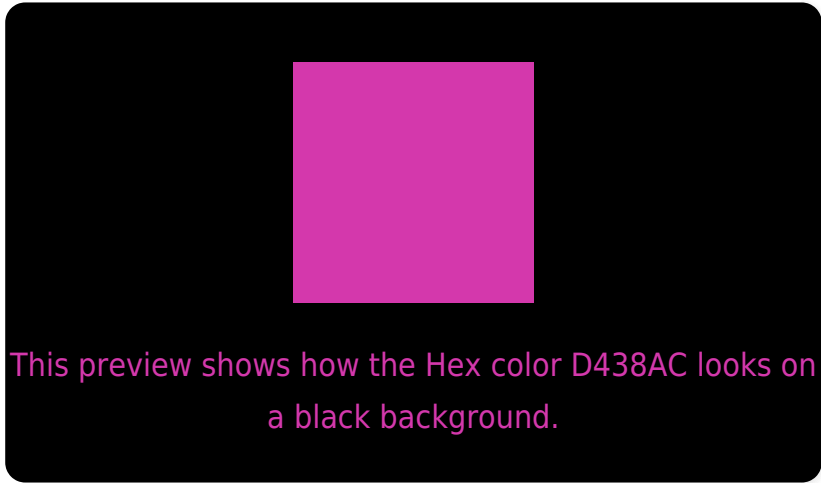
Large Text (above 18pt) WCAG AA ✓ Pass

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

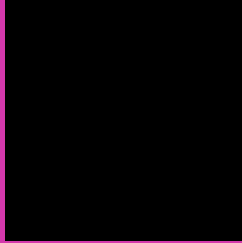
Any Text WCAG AA ✓ Pass

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 D438AC Background



This preview shows how black text looks on a background with the Hex color D438AC.

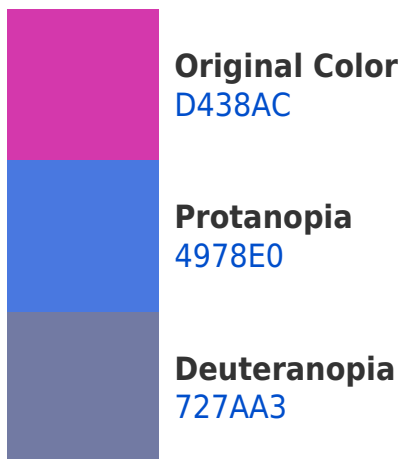


This preview shows how white text looks on a background with the Hex color D438AC.

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



Trichromacy



Original Color
D438AC



Protanomaly
7C61CD



Deuteranomaly
9662A6



Tritanomaly
D04977

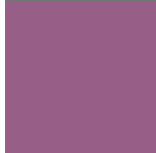
Monochromacy



Original Color
D438AC



Achromatopsia
747474



Achromatomaly
975E88

CSS Examples

Text

The CSS property to change the color of the text to Hex D438AC 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 #D438AC looks like.

```
.text, #text, p{  
    color:#D438AC  
}
```

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 #D438AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D438AC
}
```

Border

The CSS property to change the border of an element to Hex D438AC 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
#D438AC }
```

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

```
.border{ border-color:#D438AC }
```

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

Here you see how a box with a 4 pixel #D438AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D438AC; -webkit-box-shadow:4px 4px  
4px 4px #D438AC; box-shadow:4px 4px 4px  
4px #D438AC }
```

Background

The CSS property to change the background color of an element to Hex D438AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D438AC }
```

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

```
.background{ background-color:#D438AC }
```

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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