

Converting Colors

Hex(D238AE)

Have a look what the booklet for
Hex(D238AE) contains.

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Color

Hex(D238AE)

Conversions

Conversions Part 1

Format	Color
Hex	D238AE
RGB	210, 56, 174
RGB Percent	82%, 22%, 68%
CMY	0.1765, 0.7804, 0.3176
CMYK	0.00, 0.73, 0.17, 0.18
HSL	314°, 63%, 52%
HSV	314°, 73%, 82%
XYZ	35.6325, 19.5860, 41.9468
YIQ	115.4980, 53.9060, 69.3460

Conversions

Conversions Part 2

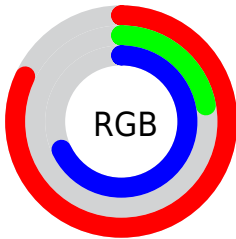
Format	Color
R _Y B	210, 56, 174
Decimal	13777070
CIE Lab	51.37, 70.16, -29.38
CIE LCh	51, 76.061, 337.278
Yxy	19.5860, 0.3667, 0.2016
Android (android.graphics.Color)	4291967150 (0xFFD238AE)
YUV	115.4980, 28.8415, 82.8783
Hunter-Lab	44.2560, 66.2701, -25.2171

Details

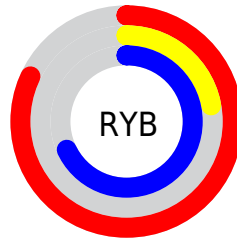
The Hex color **D238AE** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **38D25C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF75E6**, and **970079** is the 20% darker color. If you saturate the color by 10%, you get **D223A9**, and if you desaturate by 10%, it is **D24DB3**.

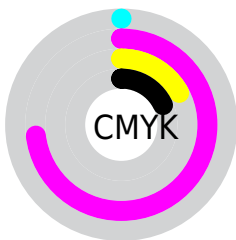
Distribution



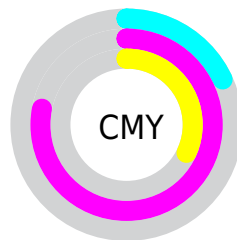
- Red (82%)
- Green (22%)
- Blue (68%)



- Red (82%)
- Yellow (22%)
- Blue (68%)



- Cyan (0%)
- Magenta (73%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (78%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D238AE 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 D238AE by changing the saturation by 10% instead.

 D238AE

 D238AE

FFFFFF

 B40A93

 FF75E6

 970079

 FF92FF

 7B0060

 FFAFFF

 5F0048

 FFCCFF

 440031

 FFEAFF

 28001B

 000000

 D238AE

 D238AE

 D223A9

 D24DB3

 D20EA4

 D262B8

 D200A1

 D277BD

 D28CC2

 D2A1C7

 D2B6CB

 D2CBD0

 D2E0D5

 D2F5DA

Harmonies

Analogous

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



8C60E3



D238AE



EA1F6E

Triad

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



D238AE



867D00



0095C8

Complementary

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



D238AE



38D25C

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.



009689



D238AE



3D8C00

Square

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



D238AE



BB6400



009344



008FF3

Rectangle

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



D238AE



E63243



009344



0096B5

Sweetspot

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



D238AE



FFC7F2



5C38D2



805E78



000000



808080

Same Dimension

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



D238AE



FF1FCB



D23861



695E66



A80081



29001F

Inverse Universe

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



D238AE



FF1FCB



38D2A9



695E66



A80081



29001F

Previews

White Background



This preview shows how the Hex color D238AE looks on a white background.

Color Contrast Check

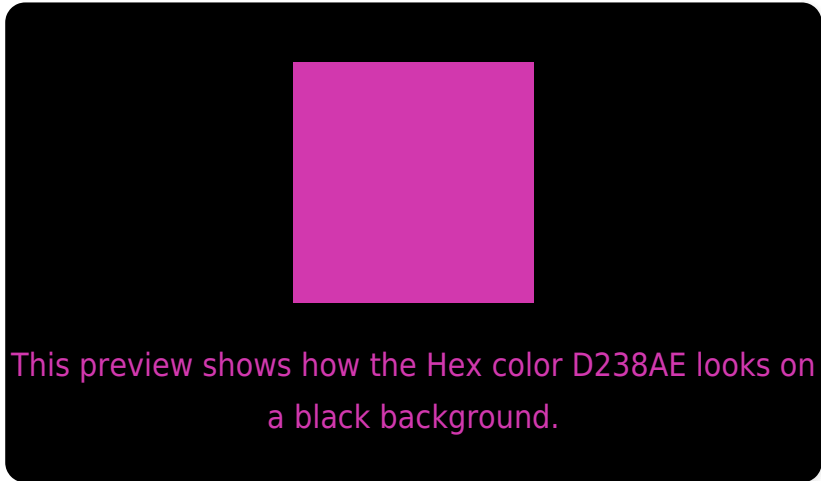
Large Text (above 18pt) WCAG AA ✓ Pass

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

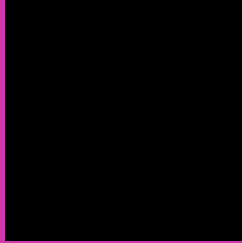
Any Text WCAG AA ✓ Pass

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 D238AE Background



This preview shows how black text looks on a background with the Hex color D238AE.

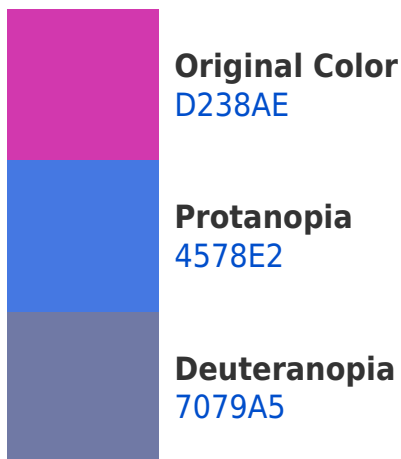


This preview shows how white text looks on a background with the Hex color D238AE.

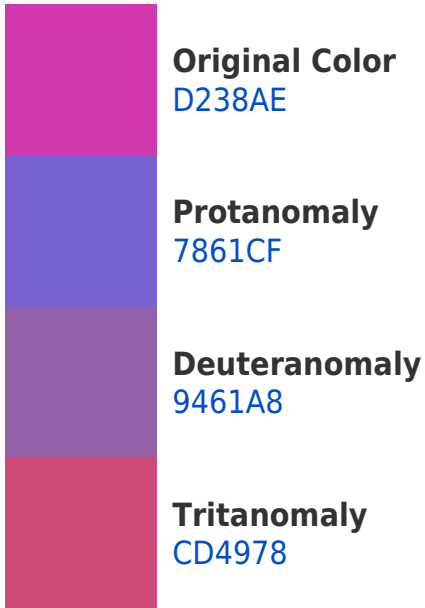
Color Blindness Simulation

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](#).

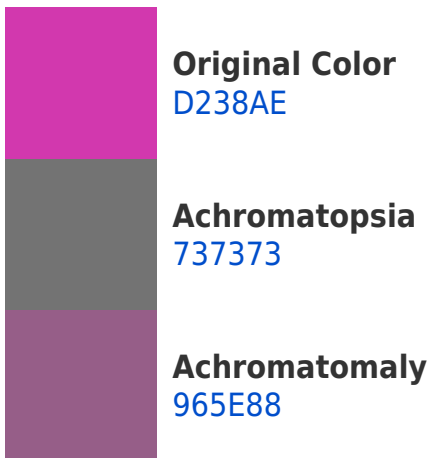
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D238AE 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 #D238AE looks like.

```
.text, #text, p{  
    color:#D238AE  
}
```

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 #D238AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D238AE
}
```

Border

The CSS property to change the border of an element to Hex D238AE 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
#D238AE }
```

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

```
.border{ border-color:#D238AE }
```

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

Here you see how a box with a 4 pixel #D238AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D238AE; -webkit-box-shadow:4px 4px  
4px 4px #D238AE; box-shadow:4px 4px 4px  
4px #D238AE }
```

Background

The CSS property to change the background color of an element to Hex D238AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D238AE }
```

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

```
.background{ background-color:#D238AE }
```

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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