

Converting Colors

Hex(D38DEF)

Have a look what the booklet for
Hex(D38DEF) contains.

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Color

Hex(D38DEF)

Conversions

Conversions Part 1

Format	Color
Hex	D38DEF
RGB	211, 141, 239
RGB Percent	83%, 55%, 94%
CMY	0.1725, 0.4471, 0.0627
CMYK	0.12, 0.41, 0.00, 0.06
HSL	283°, 75%, 75%
HSV	283°, 41%, 94%
XYZ	51.9688, 39.1306, 86.4753
YIQ	173.1020, 10.2620, 45.3180

Conversions

Conversions Part 2

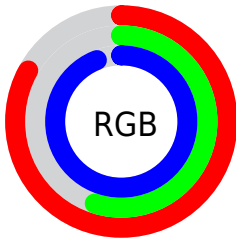
Format	Color
RYB	211, 141, 239
Decimal	13864431
CIELab	68.85, 43.14, -38.93
CIELCh	69, 58.109, 317.940
Yxy	39.1306, 0.2927, 0.2204
Android (android.graphics.Color)	4292054511 (0xFFD38DEF)
YUV	173.1020, 32.4877, 33.2365
Hunter-Lab	62.5545, 38.8234, -38.1743

Details

The Hex color **D38DEF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A9EF8D**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC4FF**, and **9B59B7** is the 20% darker color. If you saturate the color by 10%, you get **CC75EF**, and if you desaturate by 10%, it is **DAA5EF**.

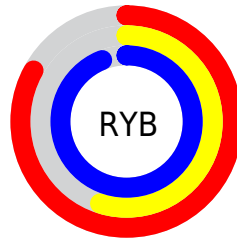
Distribution



Red (83%)

Green (55%)

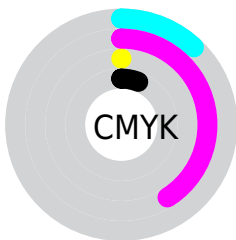
Blue (94%)



Red (83%)

Yellow (55%)

Blue (94%)

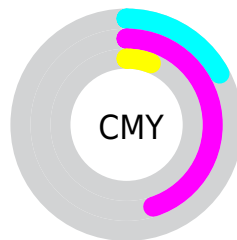


Cyan (12%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (17%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color D38DEF 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 D38DEF by changing the saturation by 10% instead.

 D38DEF

 D38DEF

FFFFFF

 B773D2

 FFC4FF

 9B59B7

 FFE0FF

 80409B

 FFFDFD

 652781

 4B0A68

 32004F

 1D0038

 000221

 000006

 D38DEF

 D38DEF

 CC75EF

 DAA5EF

 C55DEF

 E1BDEF

 BF45EF

 E7D5EF

 B82DEF

 EEDEEF

 B116EF

 F5FFEF

 AB00EF

 FCFFEF

 FFFFEF

Harmonies

Analogous

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



85A3FF



D38DEF



FE7CC0

Triad

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



D38DEF



D79E3D



00C2C7

Complementary

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



D38DEF



A9EF8D

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.



00C190



D38DEF



A7AF3D

Square

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



D38DEF



FA895C



69BA5E



00BEF5

Rectangle

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



D38DEF



FF799C



69BA5E



00C2B5

Sweetspot

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



D38DEF



F6E0FF



8DAAEF



7A6E80



000000



808080

Same Dimension

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



D38DEF



DB82FF



EF8DDB



746C78



8300B8



280038

Inverse Universe

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



EF8DA9



FF82A6



8DEFA1



786C6F



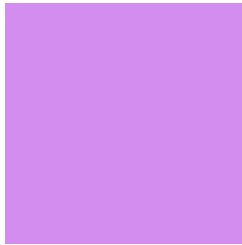
B80034



380010

Previews

White Background



This preview shows how the Hex color D38DEF looks on a white background.

Color Contrast Check

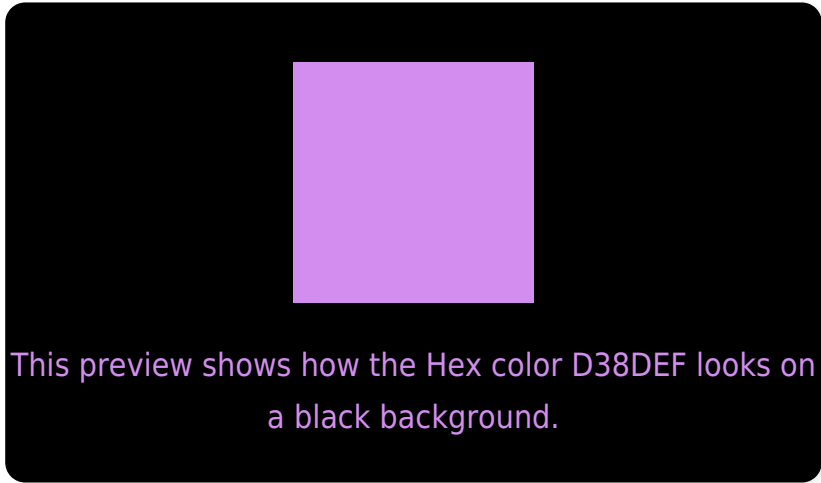
Large Text (above 18pt) WCAG AA × Fail

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

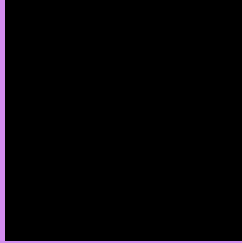
Any Text WCAG AA ✓ Pass

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 D38DEF Background



This preview shows how black text looks on a background with the Hex color D38DEF.

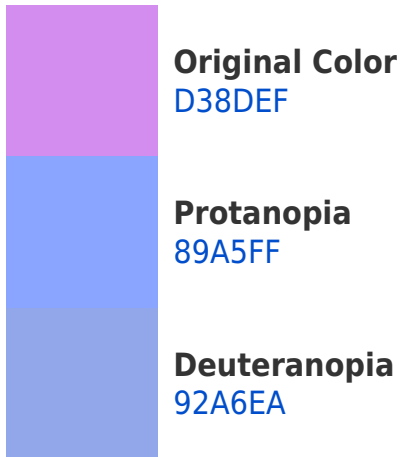


This preview shows how white text looks on a background with the Hex color D38DEF.

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](#).

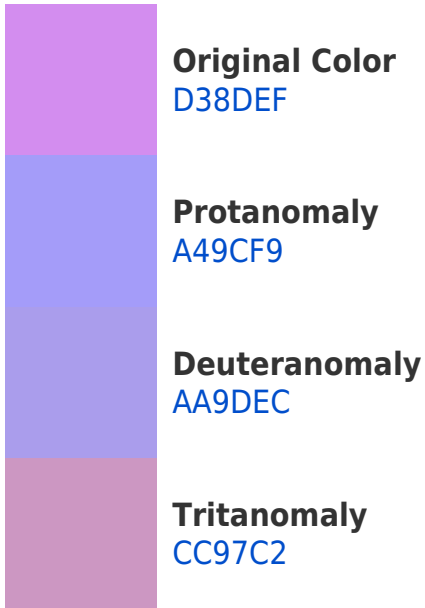
Dichromacy



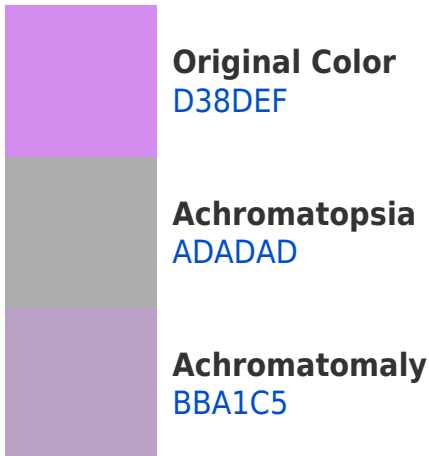


Tritanopia
C89CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D38DEF 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 #D38DEF looks like.

```
.text, #text, p{  
    color:#D38DEF  
}
```

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 #D38DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D38DEF
}
```

Border

The CSS property to change the border of an element to Hex D38DEF 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
#D38DEF }
```

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

```
.border{ border-color:#D38DEF }
```

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

Here you see how a box with a 4 pixel #D38DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D38DEF; -webkit-box-shadow:4px 4px  
4px 4px #D38DEF; box-shadow:4px 4px 4px  
4px #D38DEF }
```

Background

The CSS property to change the background color of an element to Hex D38DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D38DEF }
```

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

```
.background{ background-color:#D38DEF }
```

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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