

Converting Colors

Hex(C38DD9)

Have a look what the booklet for
Hex(C38DD9) contains.

Hex(C38DD9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C38DD9)

Conversions

Conversions Part 1

Format	Color
Hex	C38DD9
RGB	195, 141, 217
RGB Percent	76%, 55%, 85%
CMY	0.2353, 0.4471, 0.1490
CMYK	0.10, 0.35, 0.00, 0.15
HSL	283°, 50%, 70%
HSV	283°, 35%, 85%
XYZ	44.5549, 35.6616, 70.1807
YIQ	165.8100, 7.7880, 35.0840

Conversions

Conversions Part 2

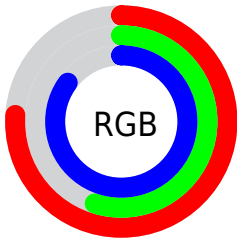
Format	Color
RYB	195, 141, 217
Decimal	12815833
CIELab	66.26, 33.84, -30.93
CIELCh	66, 45.846, 317.567
Yxy	35.6616, 0.2962, 0.2371
Android (android.graphics.Color)	4291005913 (0xFFC38DD9)
YUV	165.8100, 25.2367, 25.5996
Hunter-Lab	59.7173, 28.6730, -27.8764

Details

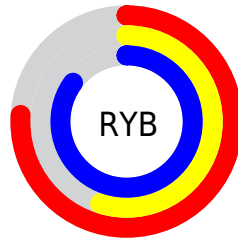
The Hex color **C38DD9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3D98D**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FCC3FF**, and **8C5AA2** is the 20% darker color. If you saturate the color by 10%, you get **BD77D9**, and if you desaturate by 10%, it is **C9A3D9**.

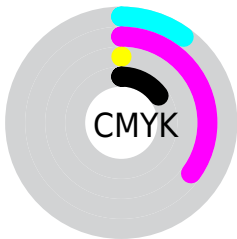
Distribution



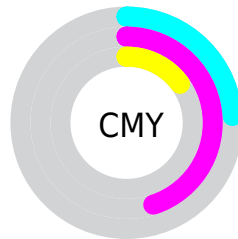
- Red (76%)
- Green (55%)
- Blue (85%)



- Red (76%)
- Yellow (55%)
- Blue (85%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (45%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C38DD9 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 C38DD9 by changing the saturation by 10% instead.

 C38DD9

 C38DD9

FFFFFF

 A773BD

 FCC3FF

 8C5AA2

 FFE0FF

 724187

 FFFCFF

 582A6E

 3F1255

 27003E

 0E0027

 000110

 000000

 C38DD9

 C38DD9

 BD77D9

 C9A3D9

 B662D9

 D0B8D9

 B04CD9

 D6CED9

 AA36D9

 DCE4D9

 A420D9

 E2FAD9

 9D0BD9

 E9FFD9

 9A00D9

 EFFF D9

 F5FFD9

 FCFFD9

Harmonies

Analogous

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



899DF0



C38DD9



E581B4

Triad

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



C38DD9



C99950



00B6B9

Complementary

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



C38DD9



A3D98D

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.



2FB58E



C38DD9



A2A650

Square

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



C38DD9



E48A66



73B068



00B3DD

Rectangle

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



C38DD9



EF7F98



73B068



00B6AB

Sweetspot

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



C38DD9



F7E3FF



8DA4D9



7B6F80



000000



808080

Same Dimension

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



C38DD9



E094FF



D98DCA



6A636E



7B00AD



21002E

Inverse Universe

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



D98DA3



FF94B3



8DD99C



6E6366



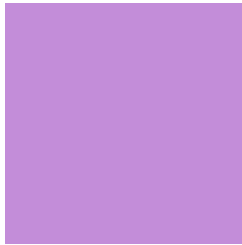
AD0032



2E000D

Previews

White Background



This preview shows how the Hex color C38DD9 looks on a white background.

Color Contrast Check

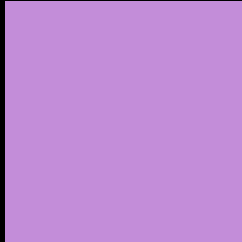
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C38DD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

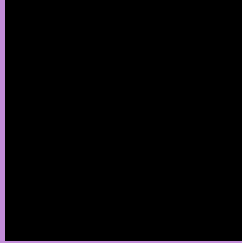
Any Text WCAG AA ✓ Pass

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 C38DD9 Background



This preview shows how black text looks on a background with the Hex color C38DD9.

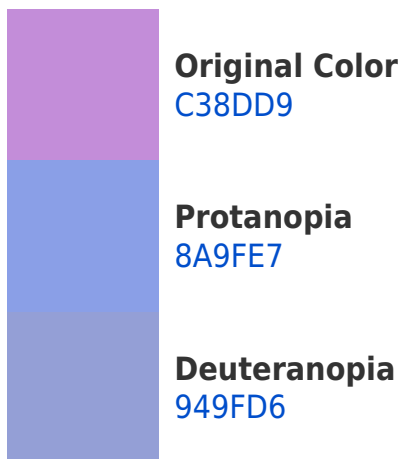


This preview shows how white text looks on a background with the Hex color C38DD9.

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](#).

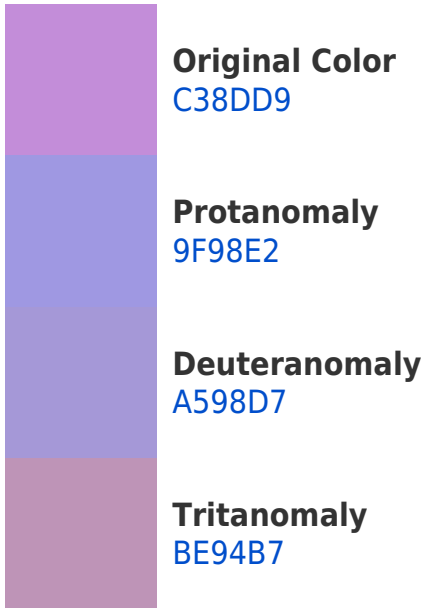
Dichromacy



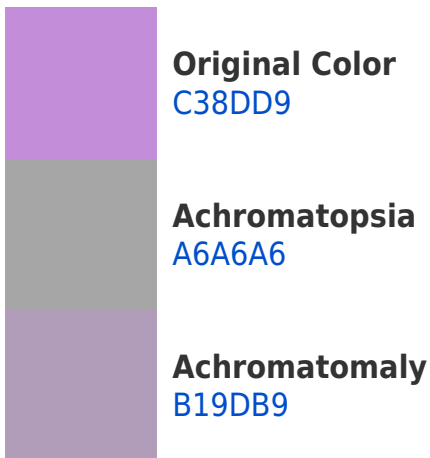


Tritanopia
BB98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C38DD9 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 #C38DD9 looks like.

```
.text, #text, p{  
    color:#C38DD9  
}
```

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 #C38DD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C38DD9
}
```

Border

The CSS property to change the border of an element to Hex C38DD9 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
#C38DD9 }
```

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

```
.border{ border-color:#C38DD9 }
```

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

Here you see how a box with a 4 pixel #C38DD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C38DD9; -webkit-box-shadow:4px 4px  
4px 4px #C38DD9; box-shadow:4px 4px 4px  
4px #C38DD9 }
```

Background

The CSS property to change the background color of an element to Hex C38DD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C38DD9 }
```

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

```
.background{ background-color:#C38DD9 }
```

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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