

Converting Colors

Hex(CD38F2)

Have a look what the booklet for
Hex(CD38F2) contains.

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Color

Hex(CD38F2)

Conversions

Conversions Part 1

Format	Color
Hex	CD38F2
RGB	205, 56, 242
RGB Percent	80%, 22%, 95%
CMY	0.1961, 0.7804, 0.0510
CMYK	0.15, 0.77, 0.00, 0.05
HSL	288°, 88%, 58%
HSV	288°, 77%, 95%
XYZ	42.6180, 22.2183, 86.0467
YIQ	121.7550, 29.0980, 89.4340

Conversions

Conversions Part 2

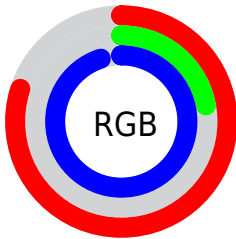
Format	Color
RYB	205, 56, 242
Decimal	13449458
CIELab	54.26, 79.86, -63.77
CIElCh	54, 102.200, 321.391
Yxy	22.2183, 0.2825, 0.1473
Android (android.graphics.Color)	4291639538 (0xFFCD38F2)
YUV	121.7550, 59.2808, 73.0059
Hunter-Lab	47.1363, 78.9014, -75.2378

Details

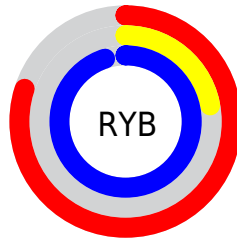
The Hex color **CD38F2** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **5DF238**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF77FF**, and **9200B9** is the 20% darker color. If you saturate the color by 10%, you get **C820F2**, and if you desaturate by 10%, it is **D250F2**.

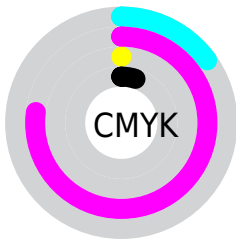
Distribution



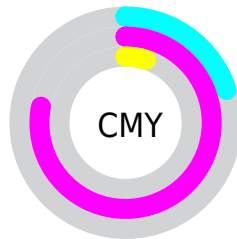
- Red (80%)
- Green (22%)
- Blue (95%)



- Red (80%)
- Yellow (22%)
- Blue (95%)



- Cyan (15%)
- Magenta (77%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (78%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD38F2 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 CD38F2 by changing the saturation by 10% instead.

 CD38F2

FFFFFF

 FF77FF

 FF94FF

 FFB2FF

 FFCFFF

 FFEDFF

 CD38F2

 AF03D5

 9200B9

 75009D

 570082

 3A0068

 1A004F

 000037

 000221

 000005

 CD38F2

 CD38F2

 C820F2

 D250F2

 C308F2

 D768F2

 C200F2

 DB81F2

 E099F2

 E5B1F2

 EAC9F2

 EFE1F2

 F4FAF2

 F8FFF2

Harmonies

Analogous

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



0077FF



CD38F2



FF009F

Triad

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



CD38F2



B37600



00A4C1

Complementary

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



CD38F2



5DF238

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.



00A264



CD38F2



619000

Square

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



CD38F2



F04200



009D00



00A2FF

Rectangle

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



CD38F2



FF0065



009D00



00A4A3

Sweetspot

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



CD38F2



F3C4FF



385DF2



785C80



000000



808080

Same Dimension

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



CD38F2



D014FF



F238BA



756C78



9300B8



2D0038

Inverse Universe

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



F2385D



FF1443



38F270



786C6E



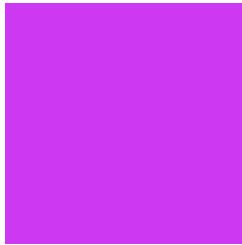
B80025



38000B

Previews

White Background



This preview shows how the Hex color CD38F2 looks on a white background.

Color Contrast Check

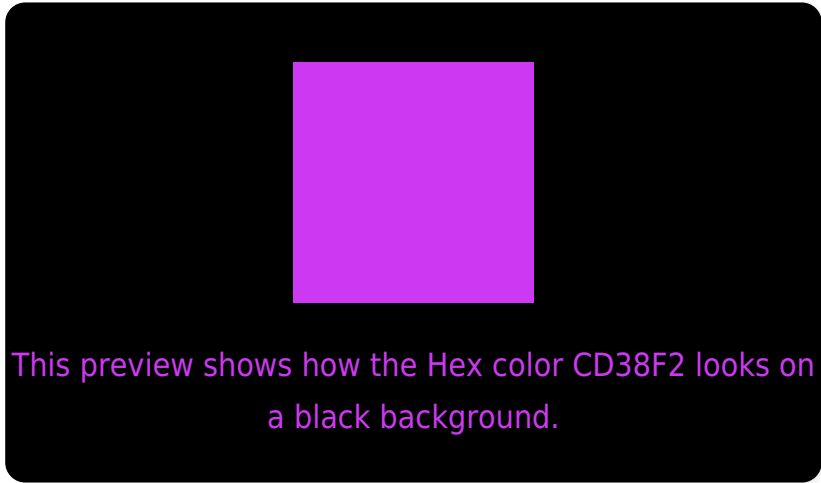
Large Text (above 18pt) WCAG AA ✓ Pass

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

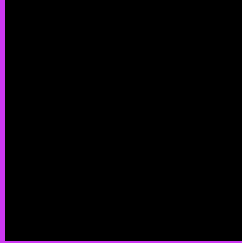
Any Text WCAG AA ✓ Pass

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 CD38F2 Background



This preview shows how black text looks on a background with the Hex color CD38F2.



This preview shows how white text looks on a background with the Hex color CD38F2.

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
BB6A71

Trichromacy



Original Color
CD38F2



Protanomaly
6865FA



Deuteranomaly
6568EA



Tritanomaly
C258A0

Monochromacy



Original Color
CD38F2



Achromatopsia
7A7A7A



Achromatomaly
9862A6

CSS Examples

Text

The CSS property to change the color of the text to Hex CD38F2 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 #CD38F2 looks like.

```
.text, #text, p{  
    color:#CD38F2  
}
```

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 #CD38F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD38F2
}
```

Border

The CSS property to change the border of an element to Hex CD38F2 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
#CD38F2 }
```

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

```
.border{ border-color:#CD38F2 }
```

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

Here you see how a box with a 4 pixel #CD38F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD38F2; -webkit-box-shadow:4px 4px  
4px 4px #CD38F2; box-shadow:4px 4px 4px  
4px #CD38F2 }
```

Background

The CSS property to change the background color of an element to Hex CD38F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD38F2 }
```

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

```
.background{ background-color:#CD38F2 }
```

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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