

Converting Colors

Hex(C238F6)

Have a look what the booklet for
Hex(C238F6) contains.

Hex(C238F6)	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(C238F6)

Conversions

Conversions Part 1

Format	Color
Hex	C238F6
RGB	194, 56, 246
RGB Percent	76%, 22%, 96%
CMY	0.2392, 0.7804, 0.0353
CMYK	0.21, 0.77, 0.00, 0.04
HSL	284°, 91%, 59%
HSV	284°, 77%, 96%
XYZ	40.2969, 20.9515, 89.1089
YIQ	118.9220, 21.2580, 88.3460

Conversions

Conversions Part 2

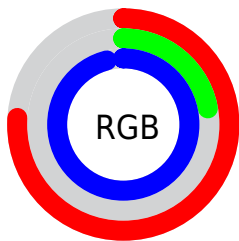
Format	Color
RYB	194, 56, 246
Decimal	12728566
CIELab	52.90, 78.65, -68.29
CIELCh	53, 104.161, 319.034
Yxy	20.9515, 0.2680, 0.1393
Android (android.graphics.Color)	4290918646 (0xFFC238F6)
YUV	118.9220, 62.6495, 65.8434
Hunter-Lab	45.7728, 77.0430, -83.3828

Details

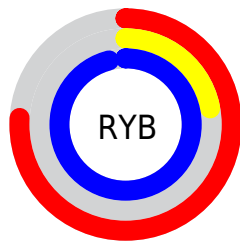
The Hex color **C238F6** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **6CF638**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF76FF**, and **8700BD** is the 20% darker color. If you saturate the color by 10%, you get **BB1FF6**, and if you desaturate by 10%, it is **C951F6**.

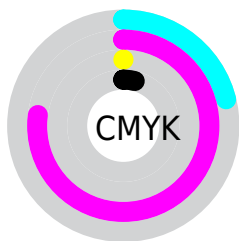
Distribution



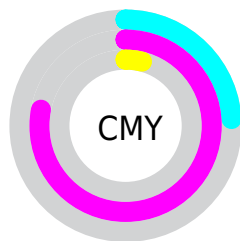
- Red (76%)
- Green (22%)
- Blue (96%)



- Red (76%)
- Yellow (22%)
- Blue (96%)



- Cyan (21%)
- Magenta (77%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (78%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color C238F6 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 C238F6 by changing the saturation by 10% instead.

 C238F6

FFFFFF

 FF76FF

 FF93FF

 FFB0FF

 FFCDFD

 FFE8FF

 C238F6

 A408D9

 8700BD

 6900A1

 4B0086

 2D006C

 000052

 00023A

 000223

 00000B

 C238F6

 C238F6

 BB1FF6

 C951F6

 B507F6

 CF69F6

 B300F6

 D682F6

 DD9AF6

 E4B3F6

 EACCF6

 F1E4F6

 F8FDF6

 FFFFF6

Harmonies

Analogous

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



0077FF



C238F6



FF00A3

Triad

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



C238F6



B56F00



00A1B7

Complementary

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



C238F6



6CF638

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.



009E59



C238F6



648B00

Square

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



C238F6



F03400



009900



009FFF

Rectangle

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



C238F6



FF0068



009900



00A098

Sweetspot

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



C238F6



EFC4FF



386EF6



765C80



000000



808080

Same Dimension

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



C238F6



BE12FF



F638CD



776E7A



8700BA



2B003B

Inverse Universe

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



F6386C



FF1253



38F661



7A6E72



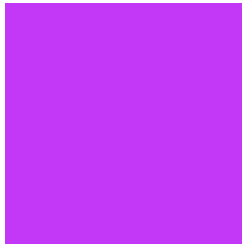
BA0033



3B0010

Previews

White Background



This preview shows how the Hex color C238F6 looks on a white background.

Color Contrast Check

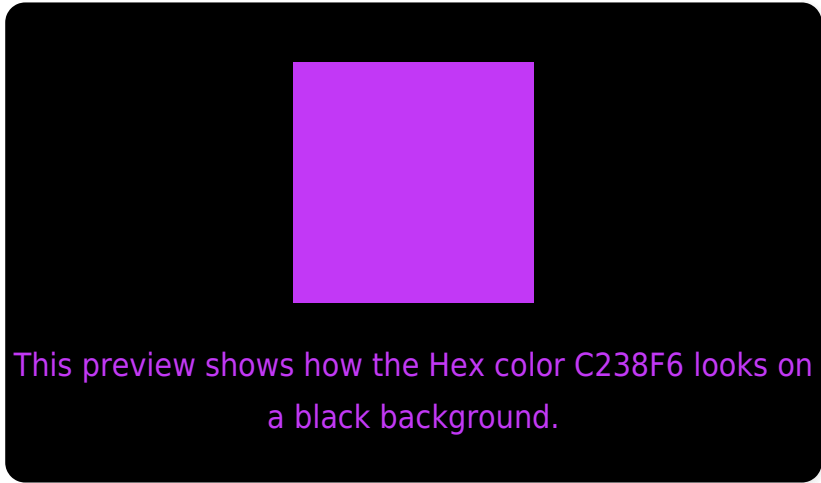
Large Text (above 18pt) WCAG AA ✓ Pass

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

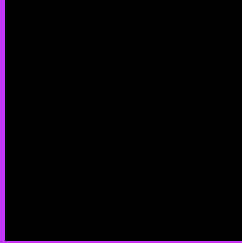
Any Text WCAG AA ✓ Pass

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 C238F6 Background



This preview shows how black text looks on a background with the Hex color C238F6.

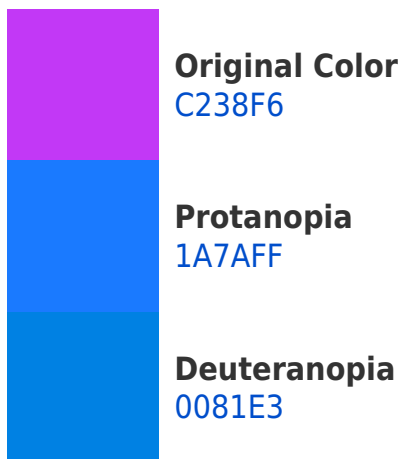



This preview shows how white text looks on a background with the Hex color C238F6.

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
AE6B73

Trichromacy



Original Color
C238F6



Protanomaly
5762FC



Deuteranomaly
4766EA



Tritanomaly
B558A3

Monochromacy



Original Color
C238F6



Achromatopsia
777777



Achromatomaly
9260A5

CSS Examples

Text

The CSS property to change the color of the text to Hex C238F6 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 #C238F6 looks like.

```
.text, #text, p{  
    color:#C238F6  
}
```

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 #C238F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C238F6  
}
```

Border

The CSS property to change the border of an element to Hex C238F6 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  
#C238F6 }
```

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

```
.border{ border-color:#C238F6 }
```

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

Here you see how a box with a 4 pixel #C238F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C238F6; -webkit-box-shadow:4px 4px  
4px 4px #C238F6; box-shadow:4px 4px 4px  
4px #C238F6 }
```

Background

The CSS property to change the background color of an element to Hex C238F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C238F6 }
```

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

```
.background{ background-color:#C238F6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor