

Converting Colors

Hex(CAD8F8)

Have a look what the booklet for
Hex(CAD8F8) contains.

Hex(CAD8F8)	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(CAD8F8)

Conversions

Conversions Part 1

Format	Color
Hex	CAD8F8
RGB	202, 216, 248
RGB Percent	79%, 85%, 97%
CMY	0.2078, 0.1529, 0.0275
CMYK	0.19, 0.13, 0.00, 0.03
HSL	222°, 77%, 88%
HSV	222°, 19%, 97%
XYZ	65.8563, 68.4456, 98.5473
YIQ	215.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

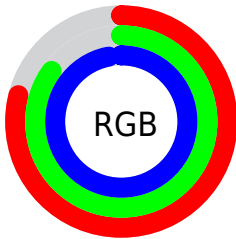
Format	Color
R_{YB}	202, 213, 248
Decimal	13293816
CIE Lab	86.23, 1.80, -17.20
CIE LCh	86, 17.298, 275.975
Yxy	68.4456, 0.2828, 0.2939
Android (android.graphics.Color)	4291483896 (0xFFCAD8F8)
YUV	215.4620, 16.0412, -11.8062
Hunter-Lab	82.7319, -2.6911, -12.7119

Details

The Hex color **CAD8F8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8EACA**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FFFFFF**, and **93A1C0** is the 20% darker color. If you saturate the color by 10%, you get **B1C7F8**, and if you desaturate by 10%, it is **E3E9F8**.

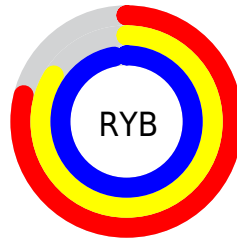
Distribution



Red (79%)

Green (85%)

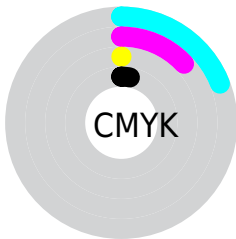
Blue (97%)



Red (79%)

Yellow (84%)

Blue (97%)

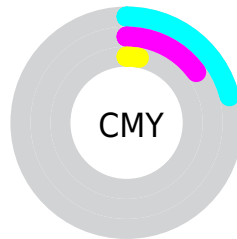


Cyan (19%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAD8F8 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 CAD8F8 by changing the saturation by 10% instead.

■ CAD8F8

FFFFFF

■ CAD8F8

■ AEBCDB

■ 93A1C0

■ 7987A4

■ 606E8A

■ 485671

■ 303E58

■ 192941

■ 01142A

■ 000116

 CAD8F8

 CAD8F8

 B1C7F8

 E3E9F8

 98B5F8

 FCFBF8

 80A4F8

 FFFFF8

 6793F8

 4E82F8

 3570F8

 1C5FF8

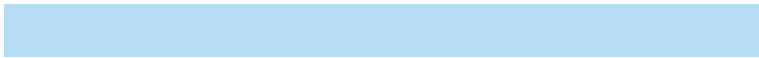
 044EF8

 004BF8

Harmonies

Analogous

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



B7DDF5



CAD8F8



DFD2F2

Triad

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



CAD8F8



FACEC5



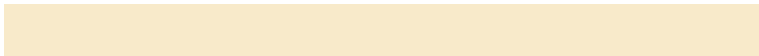
BDE0CA

Complementary

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



CAD8F8



F8EACA

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.



CFDDBD



CAD8F8



F1D2BA

Square

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



CAD8F8



FACCD5



E2D8B7



B0E1DA

Rectangle

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



CAD8F8



EBCFEA



E2D8B7



C3DFC5

Sweetspot

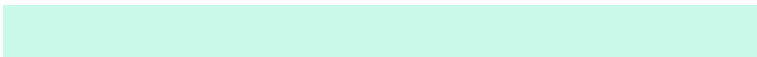
The Sweet Spot groups the original color and five complimentary colors.



CAD8F8



F0F4FF



CAF8E9



777980



000000



808080

Same Dimension

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



CAD8F8



C7D8FF



D2CAF8



70747D



0039BD



00133D

Inverse Universe

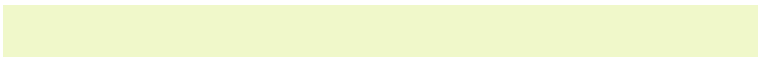
The Inverse Universe completely reimagines the original color for something new.



F8CAD8



FFC7D8



F0F8CA



7D7074



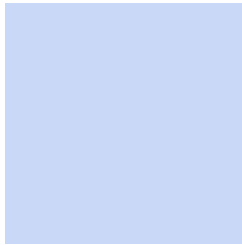
BD0039



3D0013

Previews

White Background



This preview shows how the Hex color CAD8F8 looks on a white background.

Color Contrast Check

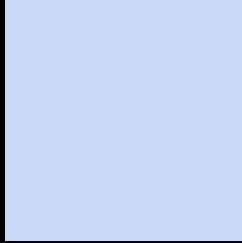
Large Text (above 18pt) WCAG AA × Fail

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 CAD8F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

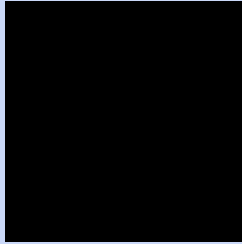
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

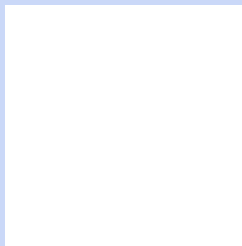
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CAD8F8 Background



This preview shows how black text looks on a background with the Hex color CAD8F8.



This preview shows how white text looks on a background with the Hex color CAD8F8.

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



Original Color
CAD8F8

Protanopia
D2D6F7

Deuteranopia
DCD2F9

Trichromacy



Original Color
CAD8F8

Protanomaly
CFD7F7

Deuteranomaly
D5D4F9

Tritanomaly
C9D9F0

Monochromacy



Original Color
CAD8F8

Achromatopsia
D7D7D7

Achromatomaly
D2D7E3

CSS Examples

Text

The CSS property to change the color of the text to Hex CAD8F8 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 #CAD8F8 looks like.

```
.text, #text, p{  
    color:#CAD8F8  
}
```

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 #CAD8F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAD8F8  
}
```

Border

The CSS property to change the border of an element to Hex CAD8F8 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  
#CAD8F8 }
```

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

```
.border{ border-color:#CAD8F8 }
```

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

Here you see how a box with a 4 pixel #CAD8F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAD8F8; -webkit-box-shadow:4px 4px  
4px 4px #CAD8F8; box-shadow:4px 4px 4px  
4px #CAD8F8 }
```

Background

The CSS property to change the background color of an element to Hex CAD8F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAD8F8 }
```

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

```
.background{ background-color:#CAD8F8 }
```

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