

Converting Colors

Hex(CACCF8)

Have a look what the booklet for
Hex(CACCF8) contains.

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Color

Hex(CACCF8)

Conversions

Conversions Part 1

Format	Color
Hex	CACCF8
RGB	202, 204, 248
RGB Percent	79%, 80%, 97%
CMY	0.2078, 0.2000, 0.0275
CMYK	0.19, 0.18, 0.00, 0.03
HSL	237°, 77%, 88%
HSV	237°, 19%, 97%
XYZ	62.8933, 62.5196, 97.5596
YIQ	208.4180, -15.3160, 13.2600

Conversions

Conversions Part 2

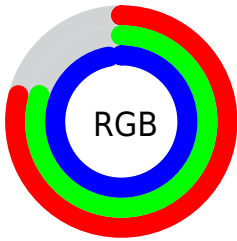
Format	Color
R_{YB}	202, 204, 248
Decimal	13290744
CIE _{Lab}	83.19, 8.17, -21.80
CIE _{LCh}	83, 23.276, 290.538
Yxy	62.5196, 0.2821, 0.2804
Android (android.graphics.Color)	4291480824 (0xFFCACCF8)
YUV	208.4180, 19.5139, -5.6286
Hunter-Lab	79.0693, 3.6110, -17.8064

Details

The Hex color **CACCF8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F8F6CA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFFFF**, and **9396C0** is the 20% darker color. If you saturate the color by 10%, you get **B1B4F8**, and if you desaturate by 10%, it is **E3E4F8**.

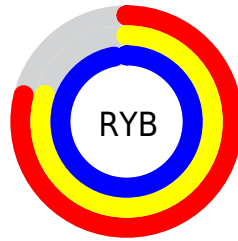
Distribution



Red (79%)

Green (80%)

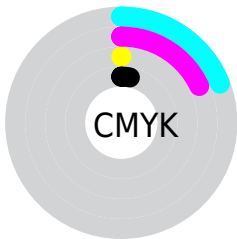
Blue (97%)



Red (79%)

Yellow (80%)

Blue (97%)

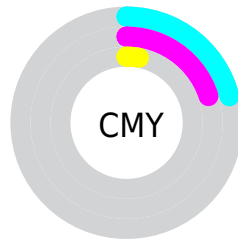


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (20%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color CACCF8 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 CACCF8 by changing the saturation by 10% instead.

■ CACCF8

■ CACCF8

FFFFFF

■ AEB1DB

■ 9396C0

■ 797CA4

■ 60638A

■ 474B70

■ 303558

■ 182040

■ 02082A

■ 000115

 CACCF8

 CACCF8

 B1B4F8

 E3E4F8

 989DF8

 FCFBF8

 8085F8

 FFFFF8

 676DF8

 4E55F8

 353EF8

 1C26F8

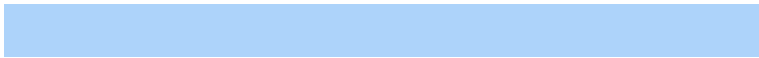
 040EF8

 000BF8

Harmonies

Analogous

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



ADD3FA



CACCF8



E5C5EB

Triad

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



CACCF8



F7C5AE



A0DBC7

Complementary

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



CACCF8



F8F6CA

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.



B7D8B3



CACCF8



E7CBA4

Square

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



CACCF8



FDC0C1



D0D3A6



94DCDE

Rectangle

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



CACCF8



F2C1DE



D0D3A6



A7DBC0

Sweetspot

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



CACCF8



F0F0FF



CAF8F6



777780



000000



808080

Same Dimension

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



CACCF8



C7C9FF



DFCAF8



70717D



0008BD



00033D

Inverse Universe

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



F8CACC



FFC7C9



E3F8CA



7D7071



BD0008



3D0003

Previews

White Background



This preview shows how the Hex color CACCF8 looks on a white background.

Color Contrast Check

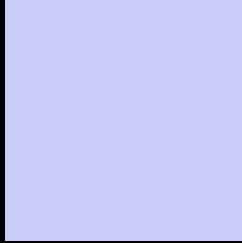
Large Text (above 18pt) WCAG AA × Fail

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 CACCF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

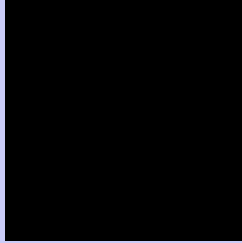
Any Text WCAG AA ✓ Pass

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 CACCF8 Background



This preview shows how black text looks on a background with the Hex color CACCF8.



This preview shows how white text looks on a background with the Hex color CACCF8.

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
CACCF8

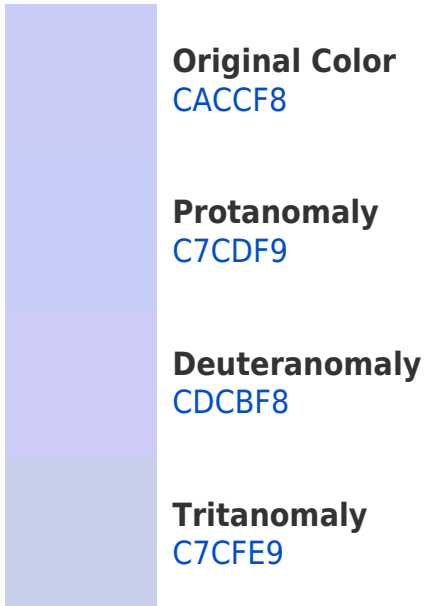
Protanopia
C6CDF9

Deuteranopia
CFCAF8

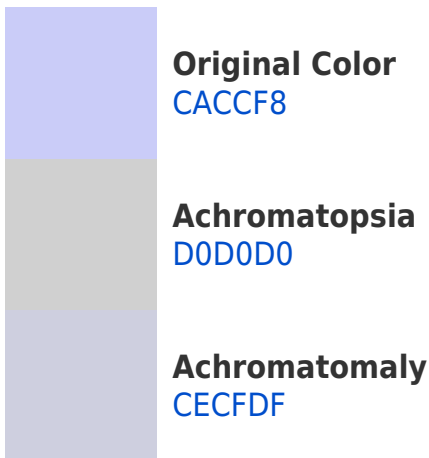


Tritanopia
C6D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CACCF8 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 #CACCF8 looks like.

```
.text, #text, p{  
    color:#CACCF8  
}
```

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 #CACCF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CACCF8  
}
```

Border

The CSS property to change the border of an element to Hex CACCF8 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  
#CACCF8 }
```

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

```
.border{ border-color:#CACCF8 }
```

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

Here you see how a box with a 4 pixel #CACCF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CACCF8; -webkit-box-shadow:4px 4px  
4px 4px #CACCF8; box-shadow:4px 4px 4px  
4px #CACCF8 }
```

Background

The CSS property to change the background color of an element to Hex CACCF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CACCF8 }
```

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

```
.background{ background-color:#CACCF8 }
```

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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