

# Converting Colors

Hex(C8D3F5)

Have a look what the booklet for  
Hex(C8D3F5) contains.

<b>Hex(C8D3F5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C8D3F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8D3F5
RGB	200, 211, 245
RGB Percent	78%, 83%, 96%
CMY	0.2157, 0.1725, 0.0392
CMYK	0.18, 0.14, 0.00, 0.04
HSL	225°, 69%, 87%
HSV	225°, 18%, 96%
XYZ	63.5951, 65.4605, 95.6695
YIQ	211.5870, -17.4700, 8.2420

# Conversions

## Conversions Part 2

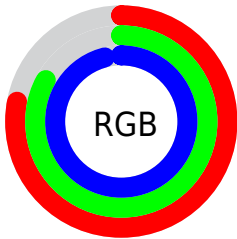
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 209, 245
Decimal	13161461
CIE Lab	84.72, 3.18, -17.90
CIE LCh	85, 18.183, 280.070
Yxy	65.4605, 0.2830, 0.2913
Android (android.graphics.Color)	4291351541 (0xFFC8D3F5)
YUV	211.5870, 16.4726, -10.1618
Hunter-Lab	80.9076, -1.2836, -13.4723

# Details

The Hex color **C8D3F5** is a light color, and the websafe version is hex **CCCCCCFF**. A complement of this color would be **F5EAC8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **929DBD** is the 20% darker color. If you saturate the color by 10%, you get **B0C0F5**, and if you desaturate by 10%, it is **E0E6F5**.

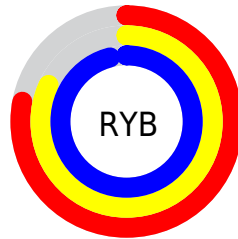
# Distribution



Red (78%)

Green (83%)

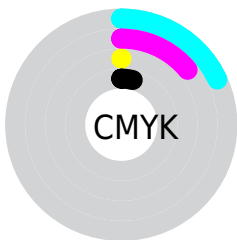
Blue (96%)



Red (78%)

Yellow (82%)

Blue (96%)

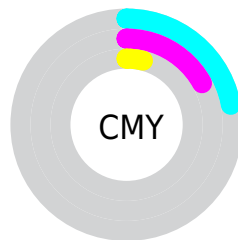


Cyan (18%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (17%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8D3F5 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 C8D3F5 by changing the saturation by 10% instead.



■ C8D3F5

FFFFFF

■ C8D3F5

■ ACB7D9

■ 929DBD

■ 7783A2

■ 5E6987

■ 46516E

■ 2E3A56

■ 17253E

■ 001028

■ 000113

 C8D3F5

 C8D3F5

 B0C0F5

 E0E6F5

 97AEF5

 F9F8F5

 7F9BF5

 FFFFF5

 6689F5

 4E76F5

 3564F5

 1C51F5

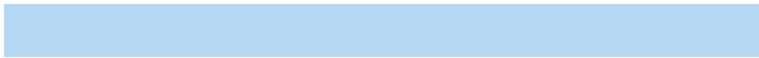
 043FF5

 003CF5

# Harmonies

## Analogous

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



B4D8F3



C8D3F5



DECDEE

# Triad

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



C8D3F5



F6CABE



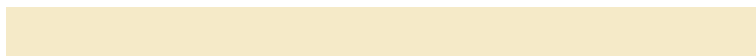
B5DDC7

# Complementary

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



C8D3F5



F5EAC8

# 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.



C8D9B9



C8D3F5



ECCEB4

# Square

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



C8D3F5



F7C8CE



DBD4B2



A9DED9

# Rectangle

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



C8D3F5



EACAE5



DBD4B2



BBDCC2



# Sweetspot

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



C8D3F5



F0F3FF



C8F5EA



777980



000000



808080



# Same Dimension

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



C8D3F5



C7D5FF



D3C8F5



6E717A



002EBA



000E3B



# Inverse Universe

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



F5C8D3



FFC7D5



EAF5C8



7A6E71



BA002E

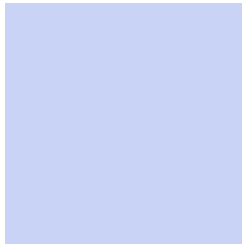


3B000E



# Previews

## White Background



This preview shows how the Hex color C8D3F5 looks on a white background.

## Color Contrast Check

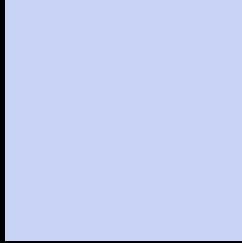
Large Text (above 18pt) WCAG AA × Fail

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 C8D3F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

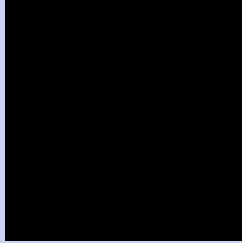
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

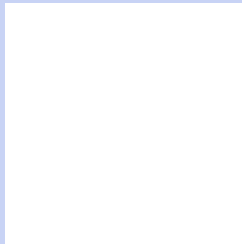
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8D3F5 Background



This preview shows how black text looks on a background with the Hex color C8D3F5.

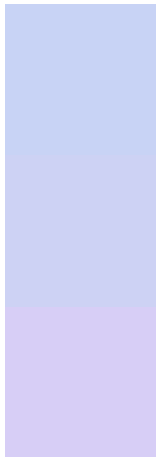


This preview shows how white text looks on a background with the Hex color C8D3F5.

# 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**  
C8D3F5

**Protanopia**  
CDD2F4

**Deuteranopia**  
D7CEF6



**Tritanopia**  
C5D5E6

# Trichromacy



**Original Color**  
C8D3F5

**Protanomaly**  
CBD2F4

**Deuteranomaly**  
D2D0F6

**Tritanomaly**  
C6D4EB

# Monochromacy



**Original Color**  
C8D3F5

**Achromatopsia**  
D4D4D4

**Achromatomaly**  
D0D4E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8D3F5 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 #C8D3F5 looks like.

```
.text, #text, p{  
    color:#C8D3F5  
}
```

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 #C8D3F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D3F5
}
```

## Border

The CSS property to change the border of an element to Hex C8D3F5 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
#C8D3F5 }
```

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

```
.border{ border-color:#C8D3F5 }
```

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

Here you see how a box with a 4 pixel #C8D3F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D3F5; -webkit-box-shadow:4px 4px  
4px 4px #C8D3F5; box-shadow:4px 4px 4px  
4px #C8D3F5 }
```

# Background

The CSS property to change the background color of an element to Hex C8D3F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D3F5 }
```

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

```
.background{ background-color:#C8D3F5 }
```

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