

# Converting Colors

Hex(C5DBF3)

Have a look what the booklet for  
Hex(C5DBF3) contains.

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# **Color**

**Hex(C5DBF3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5DBF3
RGB	197, 219, 243
RGB Percent	77%, 86%, 95%
CMY	0.2275, 0.1412, 0.0471
CMYK	0.19, 0.10, 0.00, 0.05
HSL	211°, 66%, 86%
HSV	211°, 19%, 95%
XYZ	64.5351, 69.0044, 94.7118
YIQ	215.1580, -20.8160, 2.8000

# Conversions

## Conversions Part 2

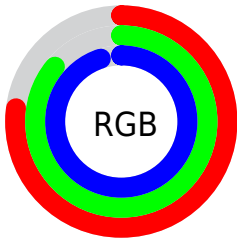
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 212, 243
Decimal	12966899
CIE <sub>Lab</sub>	86.51, -2.37, -14.18
CIE <sub>LCh</sub>	87, 14.379, 260.497
Yxy	69.0044, 0.2827, 0.3023
Android (android.graphics.Color)	4291156979 (0xFFC5DBF3)
YUV	215.1580, 13.7261, -15.9246
Hunter-Lab	83.0689, -6.6963, -9.4519

# Details

The Hex color **C5DBF3** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F3DDC5**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FEFFFF**, and **8FA4BB** is the 20% darker color. If you saturate the color by 10%, you get **ADCEF3**, and if you desaturate by 10%, it is **DDE8F3**.

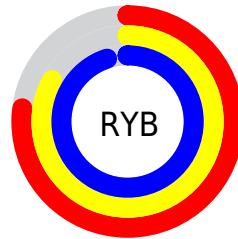
# Distribution



Red (77%)

Green (86%)

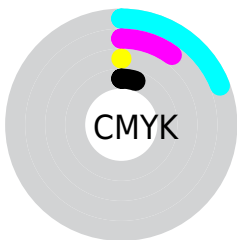
Blue (95%)



Red (77%)

Yellow (83%)

Blue (95%)

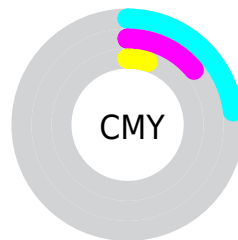


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (14%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5DBF3 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 C5DBF3 by changing the saturation by 10% instead.



 C5DBF3

 C5DBF3

FFFFFF

 A9BFD7

FEFFFF

 8FA4BB

 758AA0


 5B7086

 43586C

 2C4154

 142B3D

 001627

 000112

 C5DBF3

 C5DBF3

 ADCEF3

 DDE8F3

 94C2F3

 F6F4F3

 7CB5F3

 FFFFF3

 64A8F3

 4C9CF3

 338FF3

 1B82F3

 0376F3

 0074F3

# Harmonies

## Analogous

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



B9DFED



C5DBF3



D6D6F2

# Triad

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



C5DBF3



F6D0D0



CADEC7

# Complementary

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



C5DBF3



F3DDC5

# 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.



DADBBF



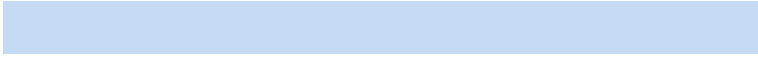
C5DBF3



F2D2C4

# Square

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



C5DBF3



F2D0DD



E8D6BE



BDE0D4

# Rectangle

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



C5DBF3



E1D4ED



E8D6BE



CFDDC4

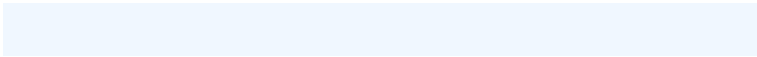


# Sweetspot

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



C5DBF3



F0F7FF



C5F3DD



777B80



000000



808080

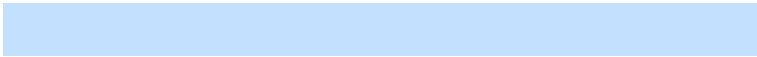


# Same Dimension

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



C5DBF3



C4E0FF



C6C5F3



6E747A



0059BA



001C3B



# Inverse Universe

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



F3C5DB



FFC4E0



F2F3C5



7A6E74



BA0059

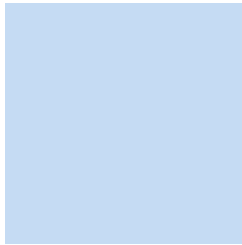


3B001C



# Previews

## White Background



This preview shows how the Hex color C5DBF3 looks on a white background.

## Color Contrast Check

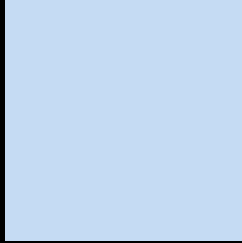
Large Text (above 18pt) WCAG AA × Fail

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 C5DBF3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

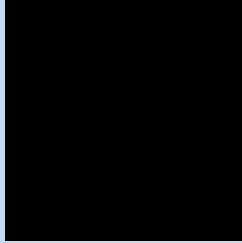
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

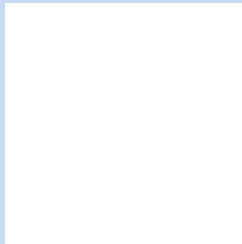
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C5DBF3 Background



This preview shows how black text looks on a background with the Hex color C5DBF3.

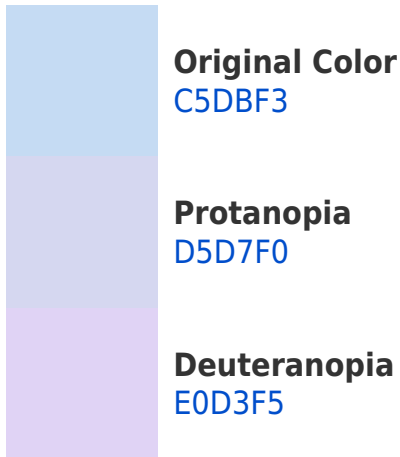


This preview shows how white text looks on a background with the Hex color C5DBF3.

# 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](#).

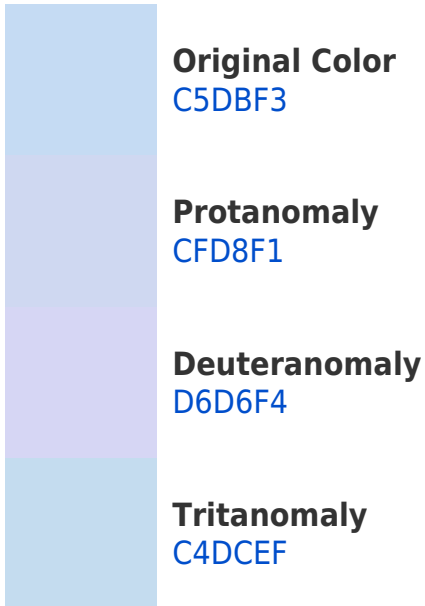
## Dichromacy



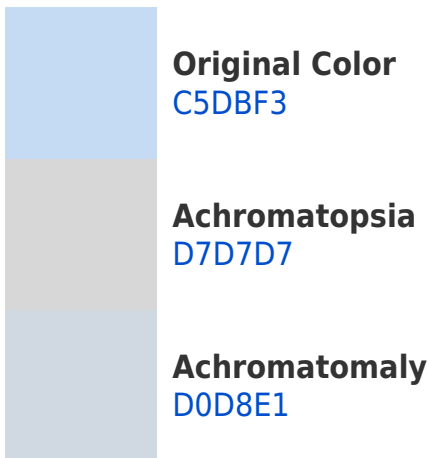


**Tritanopia**  
C4DCED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5DBF3 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 #C5DBF3 looks like.

```
.text, #text, p{  
    color:#C5DBF3  
}
```

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 #C5DBF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5DBF3
}
```

## Border

The CSS property to change the border of an element to Hex C5DBF3 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
#C5DBF3 }
```

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

```
.border{ border-color:#C5DBF3 }
```

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

Here you see how a box with a 4 pixel #C5DBF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5DBF3; -webkit-box-shadow:4px 4px  
4px 4px #C5DBF3; box-shadow:4px 4px 4px  
4px #C5DBF3 }
```

# Background

The CSS property to change the background color of an element to Hex C5DBF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5DBF3 }
```

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

```
.background{ background-color:#C5DBF3 }
```

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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