

# Converting Colors

Hex(C3DDF6)

Have a look what the booklet for  
Hex(C3DDF6) contains.

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# **Color**

**Hex(C3DDF6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3DDF6
RGB	195, 221, 246
RGB Percent	76%, 87%, 96%
CMY	0.2353, 0.1333, 0.0353
CMYK	0.21, 0.10, 0.00, 0.04
HSL	209°, 74%, 86%
HSV	209°, 21%, 96%
XYZ	64.9967, 69.9688, 97.2684
YIQ	216.0760, -23.5210, 2.2630

# Conversions

## Conversions Part 2

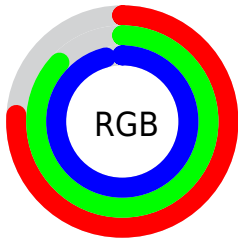
Format	Color
R <sub>Y</sub> B	195, 212, 246
Decimal	12836342
CIE Lab	86.98, -3.38, -15.07
CIE LCh	87, 15.439, 257.363
Yxy	69.9688, 0.2799, 0.3013
Android (android.graphics.Color)	4291026422 (0xFFC3DDF6)
YUV	216.0760, 14.7525, -18.4837
Hunter-Lab	83.6474, -7.6827, -10.3916

# Details

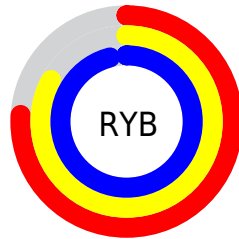
The Hex color **C3DDF6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F6DCC3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FCFFFF**, and **8DA6BE** is the 20% darker color. If you saturate the color by 10%, you get **AAD1F6**, and if you desaturate by 10%, it is **DCE9F6**.

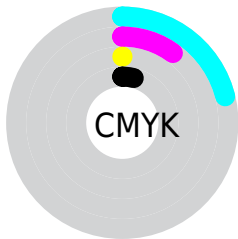
# Distribution



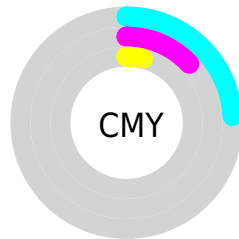
- Red (76%)
- Green (87%)
- Blue (96%)



- Red (76%)
- Yellow (83%)
- Blue (96%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3DDF6 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 C3DDF6 by changing the saturation by 10% instead.



■ C3DDF6

FFFFFF

■ FCFFFF

■ C3DDF6

■ A7C1DA

■ 8DA6BE

■ 738CA3

■ 597288

■ 415A6F

■ 294256

■ 102C3F

■ 001829

■ 000115

 C3DDF6

 C3DDF6

 AAD1F6

 DCE9F6

 92C5F6

 F4F5F6

 79B9F6

 FFFFF6

 61ADF6

 48A1F6

 2F95F6

 1789F6

 007DF6

# Harmonies

## Analogous

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



B7E1EF



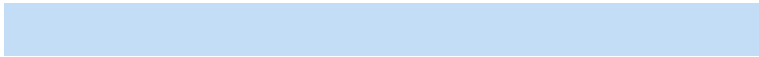
C3DDF6



D5D8F6

# Triad

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



C3DDF6



F9D0D2



CCE0C6

# Complementary

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



C3DDF6



F6DCC3

# 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.



DDDCBE



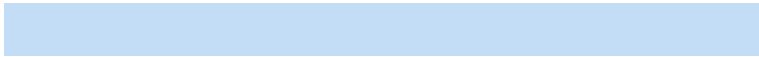
C3DDF6



F6D2C5

# Square

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



C3DDF6



F4D0E1



ECD7BE



BDE2D3

# Rectangle

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



C3DDF6



E1D5F1



ECD7BE



D1DEC2

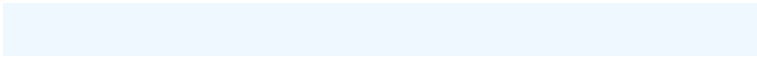


# Sweetspot

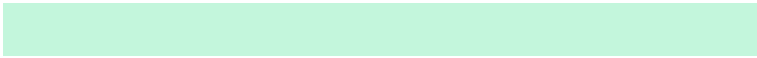
The Sweet Spot groups the original color and five complimentary colors.



C3DDF6



F0F8FF



C3F6DC



777B80



000000



808080

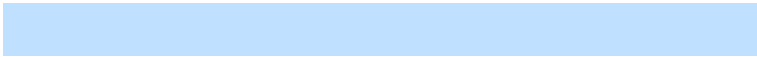


# Same Dimension

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



C3DDF6



BFE0FF



C3C4F6



6E747A



005FBA



001E3B



# Inverse Universe

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



F6C3DD



FFBFE0



F6F5C3



7A6E74



BA005F

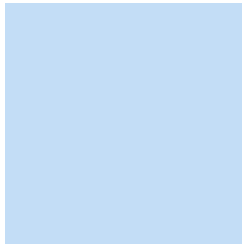


3B001E



# Previews

## White Background



This preview shows how the Hex color C3DDF6 looks on a white background.

## Color Contrast Check

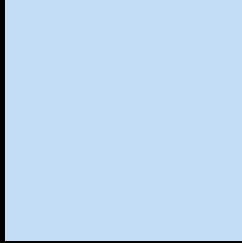
Large Text (above 18pt) WCAG AA × Fail

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 C3DDF6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

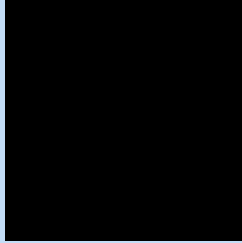
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

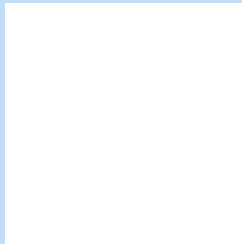
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C3DDF6 Background



This preview shows how black text looks on a background with the Hex color C3DDF6.

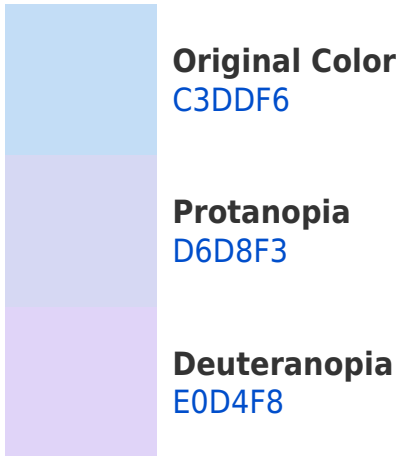


This preview shows how white text looks on a background with the Hex color C3DDF6.

# 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](#).

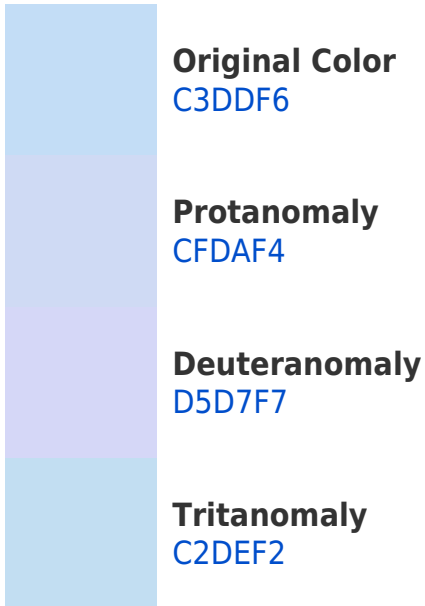
## Dichromacy



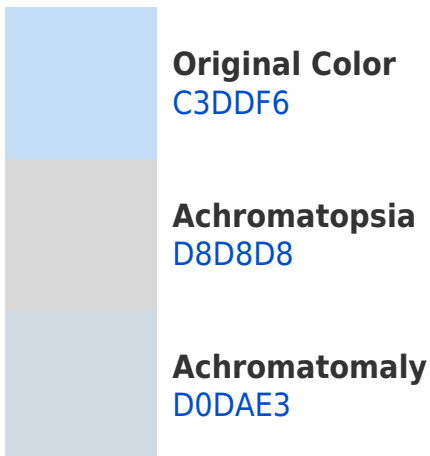


**Tritanopia**  
C2DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3DDF6 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 #C3DDF6 looks like.

```
.text, #text, p{  
    color:#C3DDF6  
}
```

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 #C3DDF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3DDF6
}
```

## Border

The CSS property to change the border of an element to Hex C3DDF6 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
#C3DDF6 }
```

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

```
.border{ border-color:#C3DDF6 }
```

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

Here you see how a box with a 4 pixel #C3DDF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3DDF6; -webkit-box-shadow:4px 4px  
4px 4px #C3DDF6; box-shadow:4px 4px 4px  
4px #C3DDF6 }
```

# Background

The CSS property to change the background color of an element to Hex C3DDF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3DDF6 }
```

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

```
.background{ background-color:#C3DDF6 }
```

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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