

# Converting Colors

Hex(CDDFE8)

Have a look what the booklet for  
Hex(CDDFE8) contains.

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# **Color**

**Hex(CDDFE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDDFE8
RGB	205, 223, 232
RGB Percent	80%, 87%, 91%
CMY	0.1961, 0.1255, 0.0902
CMYK	0.12, 0.04, 0.00, 0.09
HSL	200°, 37%, 86%
HSV	200°, 12%, 91%
XYZ	66.1300, 71.5807, 86.6750
YIQ	218.6440, -13.6170, -1.0170

# Conversions

## Conversions Part 2

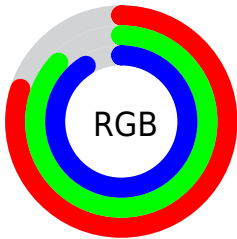
Format	Color
R <sub>YB</sub>	205, 216, 232
Decimal	13492200
CIE Lab	87.77, -4.21, -6.45
CIE LCh	88, 7.704, 236.833
Yxy	71.5807, 0.2947, 0.3190
Android (android.graphics.Color)	4291682280 (0xFFCDDFE8)
YUV	218.6440, 6.5845, -11.9658
Hunter-Lab	84.6054, -8.5386, -1.5166

# Details

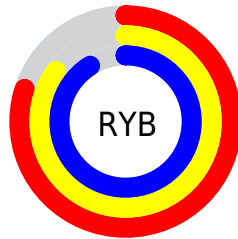
The Hex color **CDDFE8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8D6CD**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **97A8B0** is the 20% darker color. If you saturate the color by 10%, you get **B6D7E8**, and if you desaturate by 10%, it is **E4E7E8**.

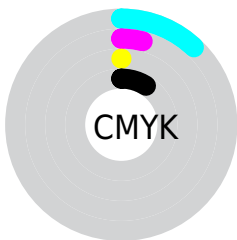
# Distribution



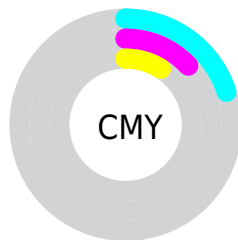
- Red (80%)
- Green (87%)
- Blue (91%)



- Red (80%)
- Yellow (85%)
- Blue (91%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDDFE8 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 CDDFE8 by changing the saturation by 10% instead.



■ CDDFE8

FFFFFF

■ CDDFE8

■ B1C3CC

■ 97A8B0

■ 7D8D96

■ 64747C

■ 4B5B63

■ 34444B

■ 1E2E35

■ 09191F

■ 000006

 CDDFE8

 CDDFE8

 B6D7E8

 E4E7E8

 9FD0E8

 FBEEE8

 87C8E8

 FFF6E8

 70C0E8

 FFFEE8

 59B8E8

 FFFFEE8

 42B1E8

 2BA9E8

 13A1E8

 009BE8

# Harmonies

## Analogous

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



CAE0E2



CDDFE8



D4DDEA

# Triad

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



CDDFE8



EBD7DD



DBDECF

# Complementary

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



CDDFE8



E8D6CD

# 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.



E3DBCE



CDDFE8



ECD8D6

# Square

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



CDDFE8



E5D8E4



EAD9D0



D3E0D4

# Rectangle

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



CDDFE8



DADBEA



EAD9D0



DEDDCE

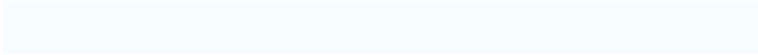


# Sweetspot

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



CDDFE8



F7FCFF



CDE8D6



7A7E80



000000



808080

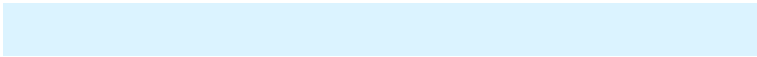


# Same Dimension

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



CDDFE8



DBF3FF



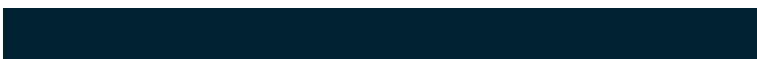
CDD2E8



676F73



0077B3



002233



# Inverse Universe

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



E8CDDF



FFDBF3



E8E4CD



73676F



B30077

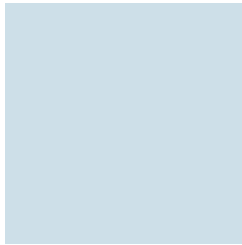


330022



# Previews

## White Background



This preview shows how the Hex color CDDFE8 looks on a white background.

## Color Contrast Check

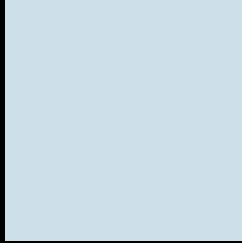
Large Text (above 18pt) WCAG AA × Fail

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 CDDFE8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

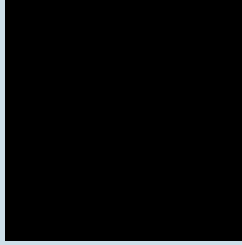
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

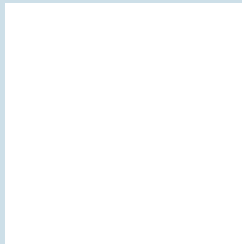
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDDFE8 Background



This preview shows how black text looks on a background with the Hex color CDDFE8.

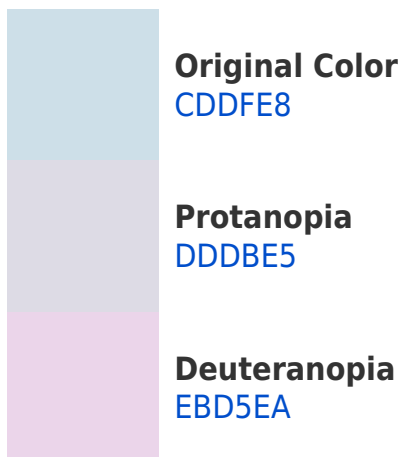


This preview shows how white text looks on a background with the Hex color CDDFE8.

# Color Blindness Simulation

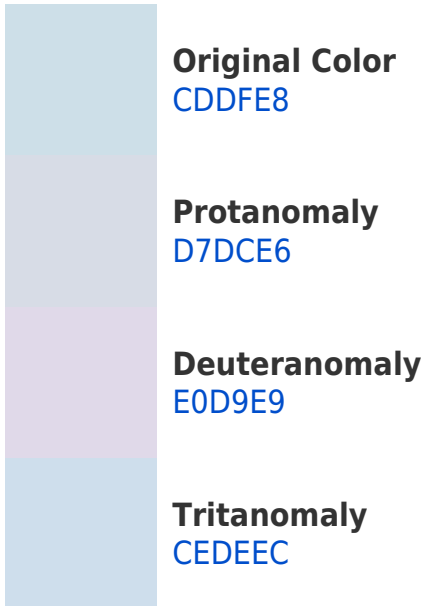
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

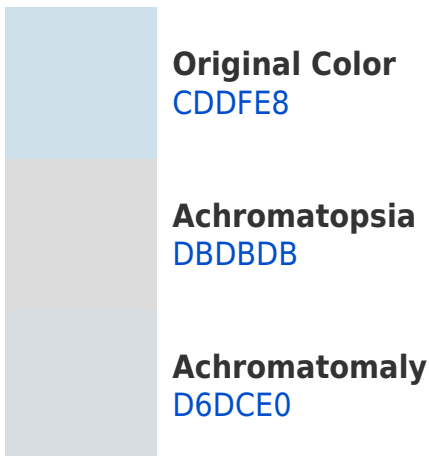




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDDFE8 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 #CDDFE8 looks like.

```
.text, #text, p{  
    color:#CDDFE8  
}
```

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 #CDDFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDDFE8 }
}
```

## Border

The CSS property to change the border of an element to Hex CDDFE8 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 #CDDFE8 }
}
```

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

```
.border{ border-color:#CDDFE8 }
```

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

Here you see how a box with a 4 pixel #CDDFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDDFE8; -webkit-box-shadow:4px 4px  
4px 4px #CDDFE8; box-shadow:4px 4px 4px  
4px #CDDFE8 }
```

# Background

The CSS property to change the background color of an element to Hex CDDFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDDFE8 }
```

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

```
.background{ background-color:#CDDFE8 }
```

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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