

Converting Colors

Hex(CBDEF0)

Have a look what the booklet for
Hex(CBDEF0) contains.

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Color

Hex(CBDEF0)

Conversions

Conversions Part 1

Format	Color
Hex	CBDEF0
RGB	203, 222, 240
RGB Percent	80%, 87%, 94%
CMY	0.2039, 0.1294, 0.0588
CMYK	0.15, 0.07, 0.00, 0.06
HSL	209°, 55%, 87%
HSV	209°, 15%, 94%
XYZ	66.4781, 71.2303, 92.6831
YIQ	218.3710, -17.1020, 1.5700

Conversions

Conversions Part 2

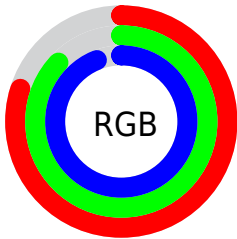
Format	Color
R_{YB}	203, 216, 240
Decimal	13360880
CIE _{Lab}	87.60, -2.71, -10.93
CIE _{LCh}	88, 11.259, 256.084
Yxy	71.2303, 0.2885, 0.3092
Android (android.graphics.Color)	4291550960 (0xFFCBDEF0)
YUV	218.3710, 10.6631, -13.4804
Hunter-Lab	84.3981, -7.0970, -6.0317

Details

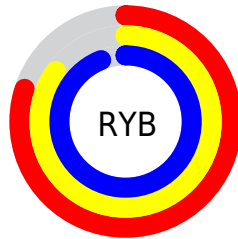
The Hex color **CBDEF0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F0DDCB**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFFF**, and **95A7B8** is the 20% darker color. If you saturate the color by 10%, you get **B3D2F0**, and if you desaturate by 10%, it is **E3EAF0**.

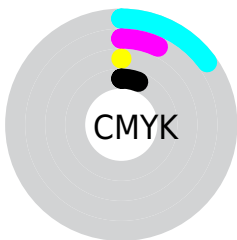
Distribution



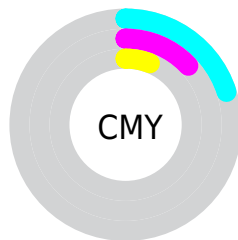
- Red (80%)
- Green (87%)
- Blue (94%)



- Red (80%)
- Yellow (85%)
- Blue (94%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBDEF0 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 CBDEF0 by changing the saturation by 10% instead.

■ CBDEF0

FFFFFF

■ CBDEF0

■ AFC2D4

■ 95A7B8

■ 7B8D9D

■ 617383

■ 495B6A

■ 324352

■ 1B2D3B

■ 051925

■ 000110

 CBDEF0

 CBDEF0

 B3D2F0

 E3EAF0

 9BC7F0

 FBF5F0

 83BBF0

 FFFFF0

 6BAFF0

 53A4F0

 3B98F0

 238CF0

 0B81F0

 007BF0

Harmonies

Analogous

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



C3E1EB



CBDEF0



D8DAF0

Triad

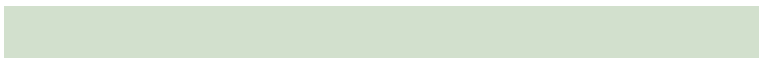
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBDEF0



F3D4D6



D2E0CD

Complementary

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



CBDEF0



F0DDCB

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.



DEDDC7



CBDEF0



F1D6CD

Square

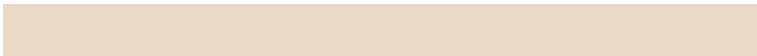
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBDEF0



EFD5E1



EAD9C7



C7E2D6

Rectangle

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



CBDEF0



E1D8ED



EAD9C7



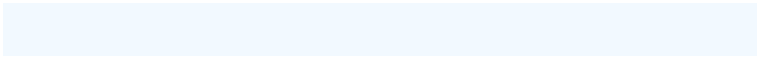
D6DFCA

Sweetspot

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



CBDEF0



F2F9FF



CBF0DD



787C80



000000



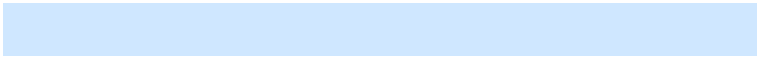
808080

Same Dimension

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



CBDEF0



CFE7FF



CBCCF0



6C7278



005EB8



001D38

Inverse Universe

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



F0CBDE



FFCFE7



F0EFCB



786C72



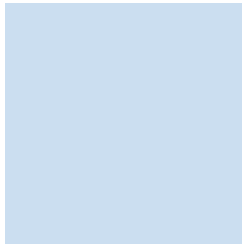
B8005E



38001D

Previews

White Background



This preview shows how the Hex color CBDEF0 looks on a white background.

Color Contrast Check

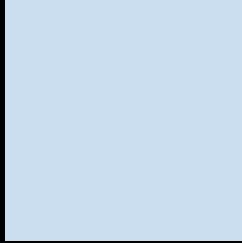
Large Text (above 18pt) WCAG AA × Fail

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 CBDEF0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

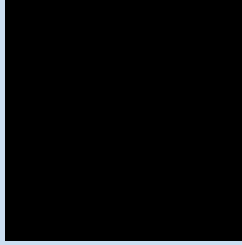
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

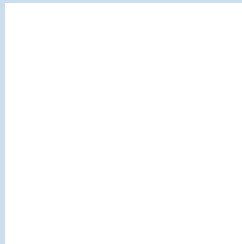
Any Text WCAG AAA ✓ Pass

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

Hex CBDEF0 Background



This preview shows how black text looks on a background with the Hex color CBDEF0.

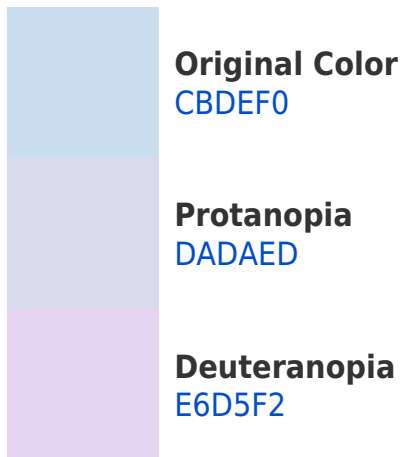


This preview shows how white text looks on a background with the Hex color CBDEF0.

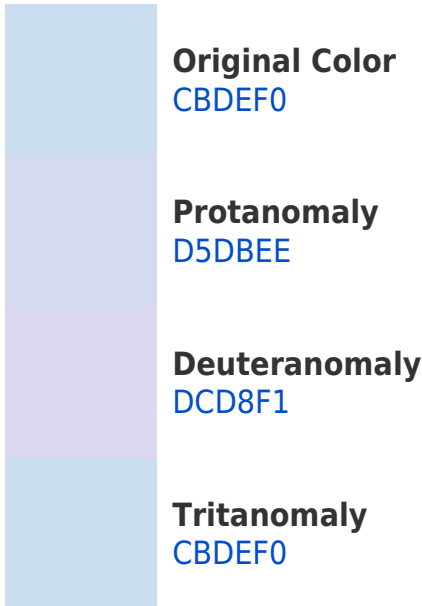
Color Blindness Simulation

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 CBDEF0 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 #CBDEF0 looks like.

```
.text, #text, p{  
    color:#CBDEF0  
}
```

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 #CBDEF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBDEF0
}
```

Border

The CSS property to change the border of an element to Hex CBDEF0 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
#CBDEF0 }
```

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

```
.border{ border-color:#CBDEF0 }
```

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

Here you see how a box with a 4 pixel #CBDEF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBDEF0; -webkit-box-shadow:4px 4px  
4px 4px #CBDEF0; box-shadow:4px 4px 4px  
4px #CBDEF0 }
```

Background

The CSS property to change the background color of an element to Hex CBDEF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBDEF0 }
```

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

```
.background{ background-color:#CBDEF0 }
```

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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