

Converting Colors

Hex(CBDEF2)

Have a look what the booklet for
Hex(CBDEF2) contains.

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Color

Hex(CBDEF2)

Conversions

Conversions Part 1

Format	Color
Hex	CBDEF2
RGB	203, 222, 242
RGB Percent	80%, 87%, 95%
CMY	0.2039, 0.1294, 0.0510
CMYK	0.16, 0.08, 0.00, 0.05
HSL	211°, 60%, 87%
HSV	211°, 16%, 95%
XYZ	66.7769, 71.3499, 94.2568
YIQ	218.5990, -17.7440, 2.1920

Conversions

Conversions Part 2

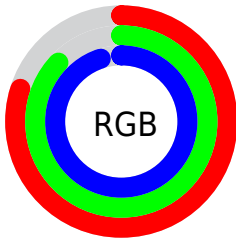
Format	Color
R _Y B	203, 216, 242
Decimal	13360882
CIE Lab	87.65, -2.29, -11.90
CIE LCh	88, 12.115, 259.087
Yxy	71.3499, 0.2874, 0.3070
Android (android.graphics.Color)	4291550962 (0xFFCBDEF2)
YUV	218.5990, 11.5367, -13.6803
Hunter-Lab	84.4689, -6.7072, -7.0321

Details

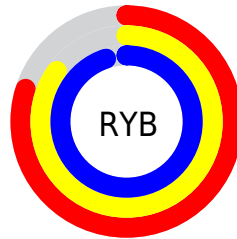
The Hex color **CBDEF2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F2DFCB**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **95A7BA** is the 20% darker color. If you saturate the color by 10%, you get **B3D2F2**, and if you desaturate by 10%, it is **E3EAF2**.

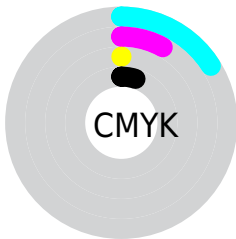
Distribution



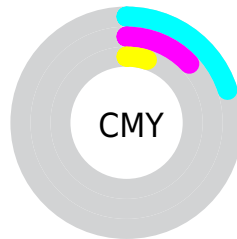
- Red (80%)
- Green (87%)
- Blue (95%)



- Red (80%)
- Yellow (85%)
- Blue (95%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBDEF2 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 CBDEF2 by changing the saturation by 10% instead.

■ CBDEF2

FFFFFF

■ CBDEF2

■ AFC2D6

■ 95A7BA

■ 7A8D9F

■ 617385

■ 495B6C

■ 324353

■ 1B2D3C

■ 041926

■ 000111

 CBDEF2

 CBDEF2

 B3D2F2

 E3EAF2

 9BC5F2

 FBF7F2

 82B9F2

 FFFFF2

 6AACF2

 52A0F2

 3A94F2

 2287F2

 097BF2

 0076F2

Harmonies

Analogous

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



C1E1ED



CBDEF2



D9DAF1

Triad

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



CBDEF2



F5D4D5



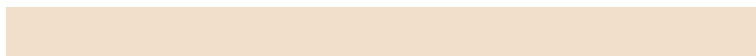
D0E0CC

Complementary

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



CBDEF2



F2DFCB

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.



DDDDC6



CBDEF2



F2D6CB

Square

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



CBDEF2



F1D4E0



EAD9C5



C5E2D7

Rectangle

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



CBDEF2



E2D8EE



EAD9C5



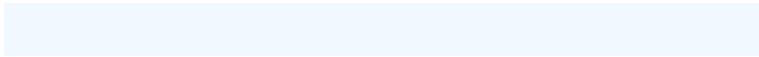
D4E0CA

Sweetspot

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



CBDEF2



F2F8FF



CBF2DE



787C80



000000



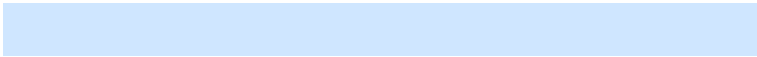
808080

Same Dimension

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



CBDEF2



CFE6FF



CBCBF2



6C7278



0059B8



001B38

Inverse Universe

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



F2CBDE



FFCFE6



F2F2CB



786C72



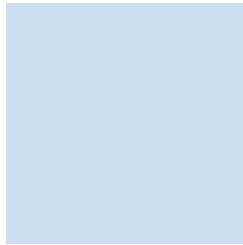
B80059



38001B

Previews

White Background



This preview shows how the Hex color CBDEF2 looks on a white background.

Color Contrast Check

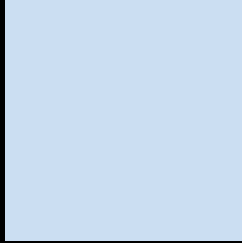
Large Text (above 18pt) WCAG AA × Fail

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 CBDEF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

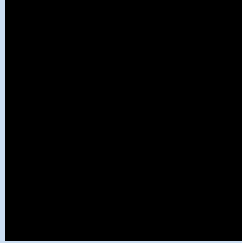
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

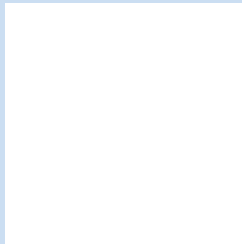
Any Text WCAG AAA ✓ Pass

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

Hex CBDEF2 Background



This preview shows how black text looks on a background with the Hex color CBDEF2.

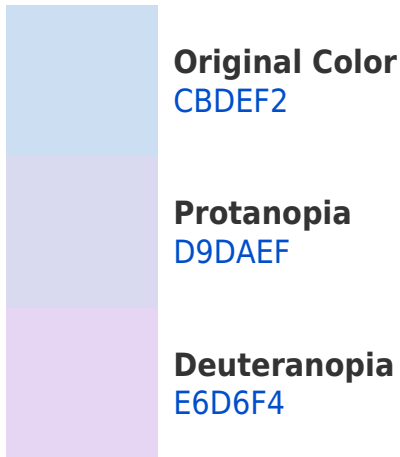


This preview shows how white text looks on a background with the Hex color CBDEF2.

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
CBDEF0

Trichromacy



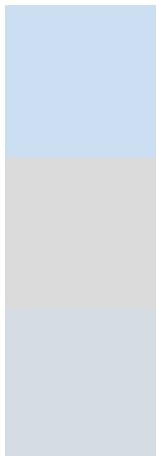
Original Color
CBDEF2

Protanomaly
D4DBF0

Deuteranomaly
DCD9F3

Tritanomaly
CBDEF1

Monochromacy



Original Color
CBDEF2

Achromatopsia
DBDBDB

Achromatomaly
D5DCE3

CSS Examples

Text

The CSS property to change the color of the text to Hex CBDEF2 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 #CBDEF2 looks like.

```
.text, #text, p{  
    color:#CBDEF2  
}
```

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 #CBDEF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBDEF2
}
```

Border

The CSS property to change the border of an element to Hex CBDEF2 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
#CBDEF2 }
```

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

```
.border{ border-color:#CBDEF2 }
```

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

Here you see how a box with a 4 pixel #CBDEF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBDEF2; -webkit-box-shadow:4px 4px  
4px 4px #CBDEF2; box-shadow:4px 4px 4px  
4px #CBDEF2 }
```

Background

The CSS property to change the background color of an element to Hex CBDEF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBDEF2 }
```

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

```
.background{ background-color:#CBDEF2 }
```

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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