

# Converting Colors

Hex(C0DDEC)

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

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# **Color**

**Hex(C0DDEC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C0DDEC
RGB	192, 221, 236
RGB Percent	75%, 87%, 93%
CMY	0.2471, 0.1333, 0.0745
CMYK	0.19, 0.06, 0.00, 0.07
HSL	200°, 54%, 84%
HSV	200°, 19%, 93%
XYZ	62.7350, 68.9755, 89.3640
YIQ	214.0390, -22.0990, -1.4830

# Conversions

## Conversions Part 2

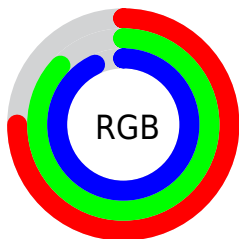
Format	Color
<a href="#">RYB</a>	<a href="#">192, 209, 236</a>
Decimal	<a href="#">12639724</a>
CIELab	<a href="#">86.49, -6.44, -10.54</a>
CIELCh	<a href="#">86, 12.353, 238.596</a>
Yxy	<a href="#">68.9755, 0.2838, 0.3120</a>
Android (android.graphics.Color)	<a href="#">4290829804</a> ( <a href="#">0xFFC0DDEC</a> )
YUV	<a href="#">214.0390, 10.8268, -19.3282</a>
Hunter-Lab	<a href="#">83.0515, -10.5057, -5.6604</a>

# Details

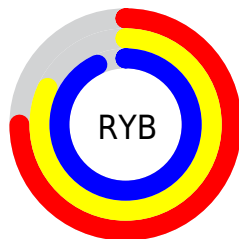
The Hex color `C0DDEC` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `ECCFC0`, and the grayscale version is `D6D6D6`.

A 20% lighter version of the original color is `F9FFFF`, and `8AA6B4` is the 20% darker color. If you saturate the color by 10%, you get `A8D5EC`, and if you desaturate by 10%, it is `D8E5EC`.

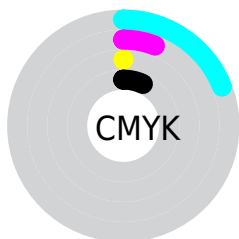
# Distribution



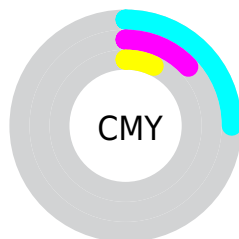
- Red (75%)
- Green (87%)
- Blue (93%)



- Red (75%)
- Yellow (82%)
- Blue (93%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (13%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0DDEC 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 C0DDEC by changing the saturation by 10% instead.



 C0DDEC

FFFFFF

 F9FFFF

 C0DDEC

 A5C1D0

 8AA6B4

 708C99

 57727F

 3F5A66

 27424E

 102C38

 001822

 00000B

 CODDEC

 C0DDEC

 A8D5EC

 D8E5EC

 91CDEC

 EFEDEC

 79C5EC

 FFF5EC

 62BDEC

 FFFDEC

 4AB5EC

 FFFFEC

 32ADEC

 1BA5EC

 039DEC

 009CEC

# Harmonies

## Analogous

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



BBDFE3



C0DDEC



CCDAF0

# Triad

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



C0DDEC



F0D1D9



D6DBC4

# Complementary

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



CODDEC



ECCFC0

# 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.



E3D7C1



C0DDEC



F2D1CE

# Square

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



C0DDEC



E8D2E5



EDD4C5



C8DECC

# Rectangle

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



C0DDEC



D5D7EF



EDD4C5



DADAC2

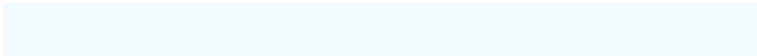


# Sweetspot

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



C0DDEC



F0FAFF



C0ECCF



777C80



000000



808080

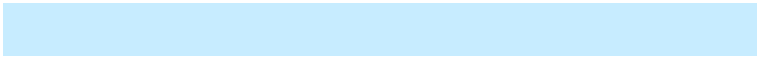


# Same Dimension

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



C0DDEC



C7ECFF



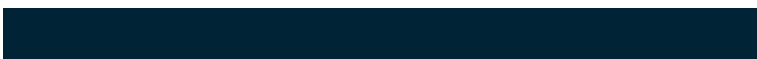
C0C7EC



6A7175



0077B5



002336



# Inverse Universe

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



ECC0DD



FFC7EC



ECE5C0



756A71



B50077

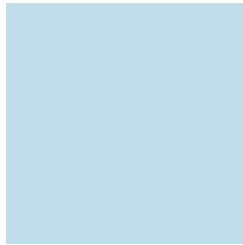


360023



# Previews

## White Background



This preview shows how the Hex color C0DDEC looks on a white background.

## Color Contrast Check

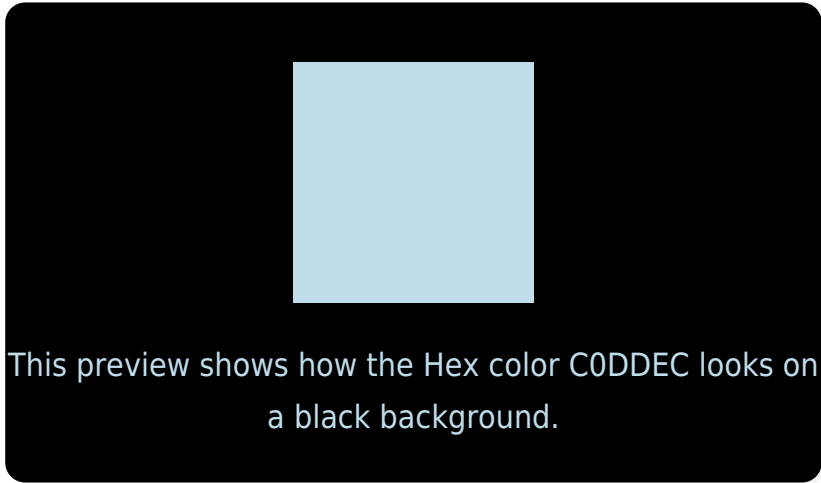
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

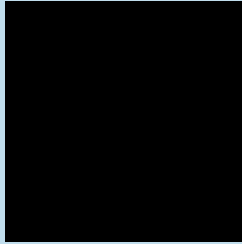
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

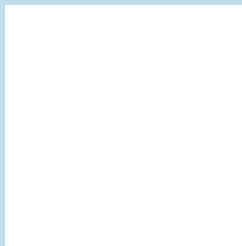
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C0DDEC Background



This preview shows how black text looks on a background with the Hex color C0DDEC.

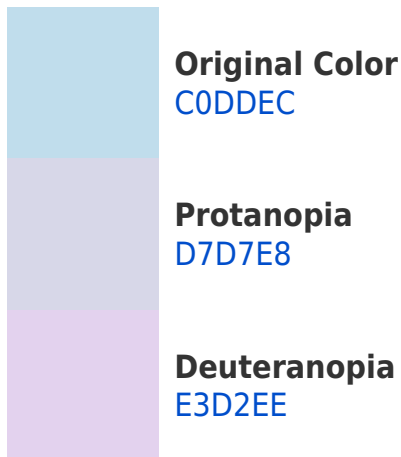


This preview shows how white text looks on a background with the Hex color C0DDEC.

# Color Blindness Simulation

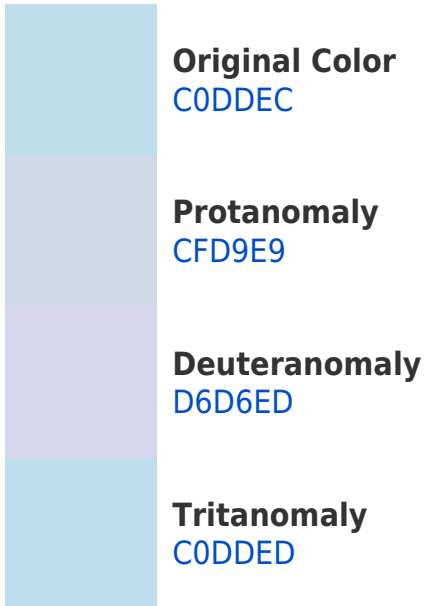
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

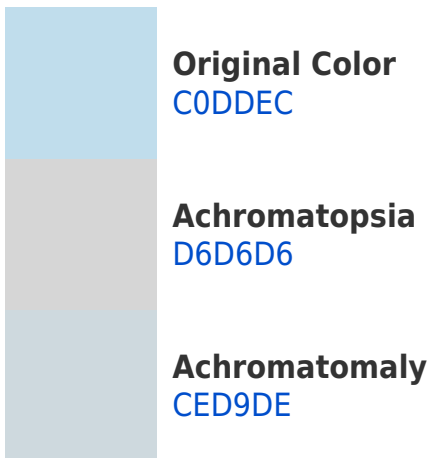




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0DDEC 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 #C0DDEC looks like.

```
.text, #text, p{  
    color:#C0DDEC  
}
```

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 #C0DDEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0DDEC }  
}
```

## Border

The CSS property to change the border of an element to Hex C0DDEC 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 #C0DDEC }  
}
```

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

```
.border{ border-color:#C0DDEC }
```

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

Here you see how a box with a 4 pixel #C0DDEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0DDEC; -webkit-box-shadow:4px 4px  
4px 4px #C0DDEC; box-shadow:4px 4px 4px  
4px #C0DDEC }
```

# Background

The CSS property to change the background color of an element to Hex C0DDEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0DDEC }
```

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

```
.background{ background-color:#C0DDEC }
```

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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