

# Converting Colors

Hex(ACCDDF)

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

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# **Color**

**Hex(ACCDDF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | ACCDDF                      |
| RGB         | 172, 205, 223               |
| RGB Percent | 67%, 80%, 87%               |
| CMY         | 0.3255, 0.1961, 0.1255      |
| CMYK        | 0.23, 0.08, 0.00, 0.13      |
| HSL         | 201°, 44%, 77%              |
| HSV         | 201°, 23%, 87%              |
| XYZ         | 52.1639, 57.7610, 78.2117   |
| YIQ         | 197.1850, -25.4460, -1.3980 |

# Conversions

## Conversions Part 2

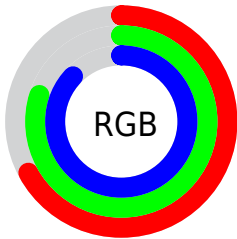
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 172, 192, 223                  |
| Decimal                             | 11324895                       |
| CIE Lab                             | 80.61, -7.04, -12.55           |
| CIE LCh                             | 81, 14.391, 240.731            |
| Yxy                                 | 57.7610, 0.2773,<br>0.3070     |
| Android<br>(android.graphics.Color) | 4289514975<br>(0xFFACCDDF)     |
| YUV                                 | 197.1850, 12.7268,<br>-22.0872 |
| Hunter-Lab                          | 76.0007, -10.4858,<br>-7.8144  |

# Details

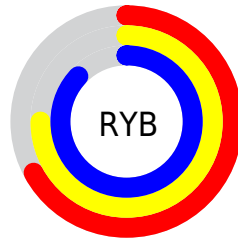
The Hex color **ACCDDF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DFBEAC**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E4FFFF**, and **7797A8** is the 20% darker color. If you saturate the color by 10%, you get **96C5DF**, and if you desaturate by 10%, it is **C2D5DF**.

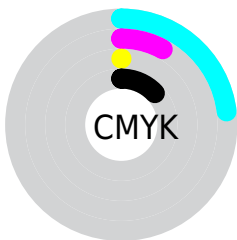
# Distribution



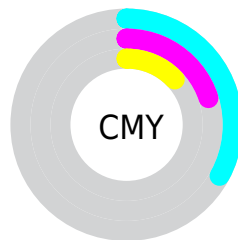
- Red (67%)
- Green (80%)
- Blue (87%)



- Red (67%)
- Yellow (75%)
- Blue (87%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (20%)
- Yellow (13%)

# Brightness & Saturation Gradients

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



■ ACCDDF

■ ACCDDF

FFFFFF

■ 91B2C3

■ E4FFFF

■ 7797A8

■ 5D7D8D

■ 446474

■ 2C4C5B

■ 133544

■ 00202D

■ 000519

■ 000000

■ ACCDDF

■ ACCDDF

■ 96C5DF

■ C2D5DF

■ 7FBDDF

■ D9DDDF

■ 69B5DF

■ EFE5DF

■ 53AEDF

■ FFECDF

■ 3DA6DF

■ FFF4DF

■ 269EDF

■ FFFCDF

■ 1096DF

■ FFFFDF

■ 0090DF

# Harmonies

## Analogous

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



A6CFD5



ACCDDF



BAC9E3

# Triad

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



ACCDDF



E3BFC8



C4CBB1

# Complementary

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



ACCDDF



DFBEAC

# 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.



D3C7AD



ACCDDF



E5C0BB

# Square

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



ACCDDF



DAC1D5



DFC3B1



B5CFBB

# Rectangle

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



ACCDDF



C5C6E1



DFC3B1



C9CAAF



# Sweetspot

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



ACCDDF



EDF9FF



ACDFBE



757C80



000000



808080

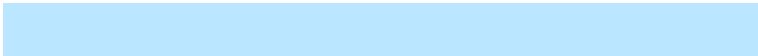


# Same Dimension

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



ACCDDF



BAE7FF



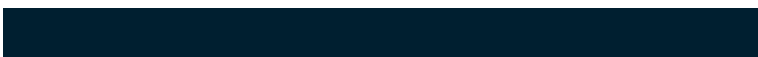
ACB4DF



656C70



0072B0



001F30



# Inverse Universe

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



DFACCD



FFBAE7



DFD7AC



70656C



B00072

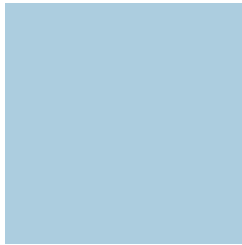


30001F



# Previews

## White Background



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

## Color Contrast Check

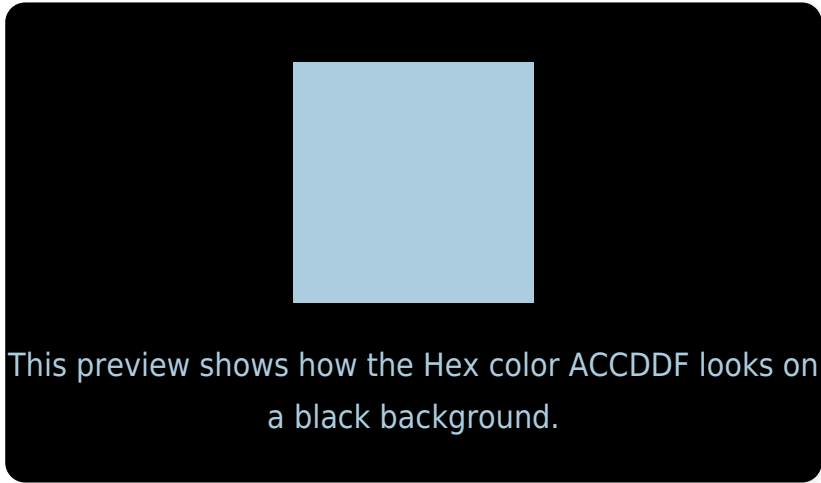
Large Text (above 18pt) WCAG AA × Fail

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

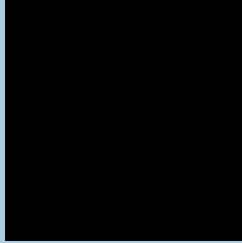
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

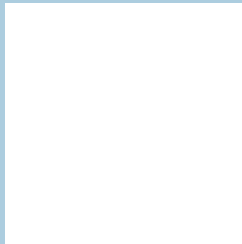
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACCDDF Background



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

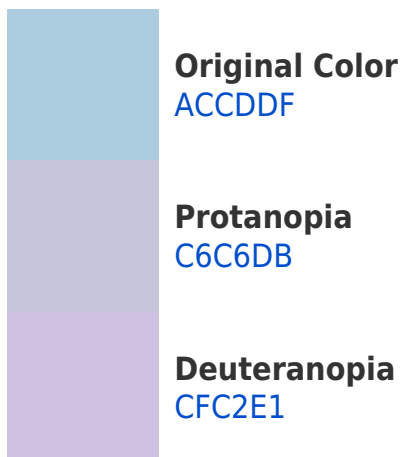


This preview shows how white text looks on a background with the Hex color ACCDDF.

# Color Blindness Simulation

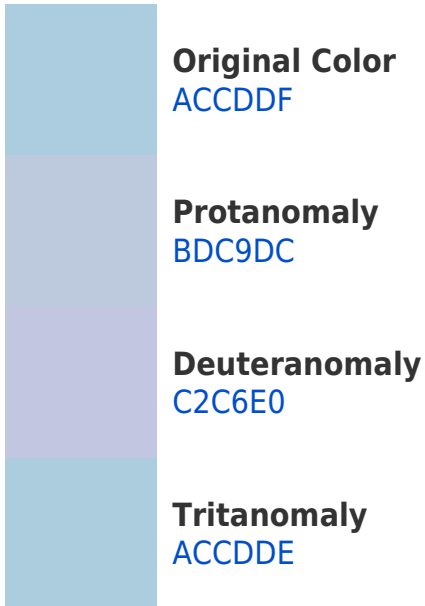
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

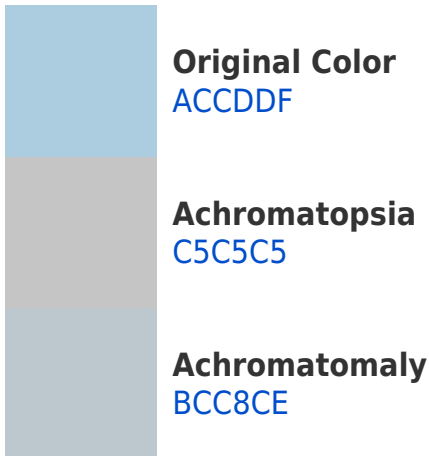




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #ACCDDF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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