

# Converting Colors

Hex(D4EAE6)

Have a look what the booklet for  
Hex(D4EAEE) contains.

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# **Color**

**Hex(D4EAE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4EAEE
RGB	212, 234, 238
RGB Percent	83%, 92%, 93%
CMY	0.1686, 0.0824, 0.0667
CMYK	0.11, 0.02, 0.00, 0.07
HSL	189°, 43%, 88%
HSV	189°, 11%, 93%
XYZ	72.0068, 79.0157, 92.3453
YIQ	227.8780, -14.3960, -3.4200

# Conversions

## Conversions Part 2

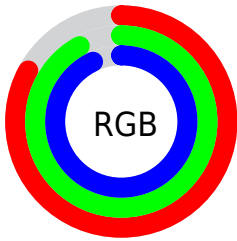
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 224, 238
Decimal	13953774
CIE Lab	91.24, -6.44, -4.41
CIE LCh	91, 7.808, 214.431
Yxy	79.0157, 0.2959, 0.3247
Android (android.graphics.Color)	4292143854 (0xFFD4EAEE)
YUV	227.8780, 4.9901, -13.9250
Hunter-Lab	88.8908, -10.9633, 0.6294

# Details

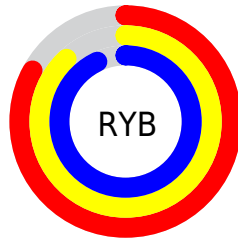
The Hex color **D4EAEE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EED8D4**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFFF**, and **9DB2B6** is the 20% darker color. If you saturate the color by 10%, you get **BCE6EE**, and if you desaturate by 10%, it is **ECEEEE**.

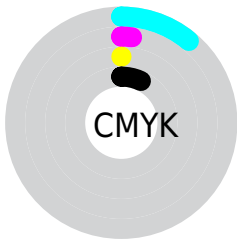
# Distribution



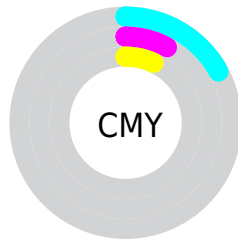
- Red (83%)
- Green (92%)
- Blue (93%)



- Red (83%)
- Yellow (88%)
- Blue (93%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4EAEF 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 D4EAEF by changing the saturation by 10% instead.



 D4EAEE

 D4EAEE

FFFFFF

 B8CED2

 9DB2B6

 83989B

 6A7E81

 516568

 3A4D50

 243639

 0E2124

 00090E

 D4EAEE

 D4EAEE

 BCE6EE

 ECEEEE

 A4E3EE

 FFF1EE

 8DDFEE

 FFF5EE

 75DBEE

 FFF9EE

 5DD8EE

 FFFCEE

 45D4EE

 FFFFEE

 2DD0EE

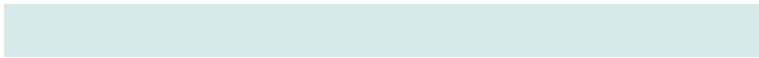
 16CDEE

 00C9EE

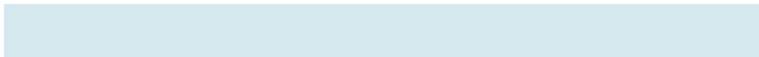
# Harmonies

## Analogous

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



D5EAE7



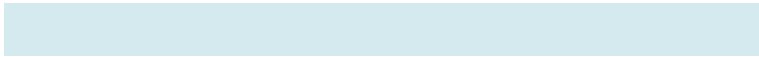
D4EAEE



D8E8F3

# Triad

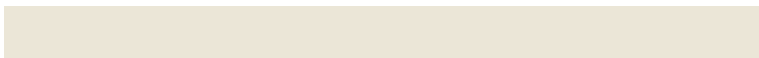
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D4EAEE



F1E2EC



EBE6D7

# Complementary

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



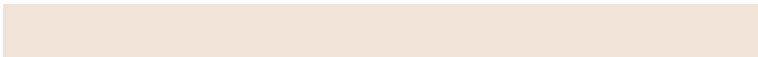
D4EAE6



EED8D4

# 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.



F2E3D9



D4EAEE



F6E1E5

# Square

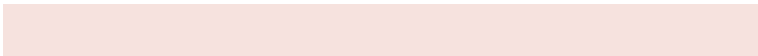
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D4EAEE



E9E4F2



F6E2DE



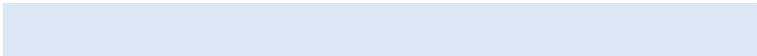
E3E8D9

# Rectangle

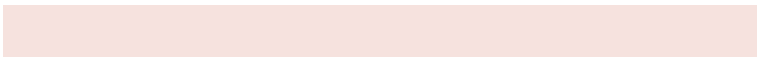
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



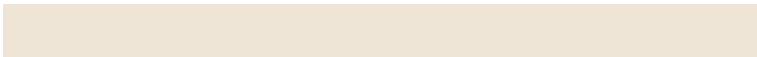
D4EAEE



DDE7F5



F6E2DE



EEE5D7



# Sweetspot

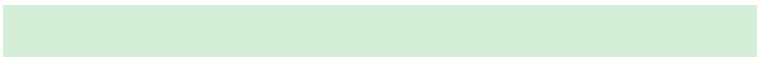
The Sweet Spot groups the original color and five complimentary colors.



D4EAEE



F7FEFF



D4EED8



7A7F80



000000



808080

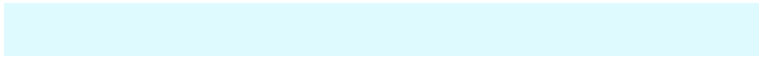


# Same Dimension

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



D4EAE



DEFAFF



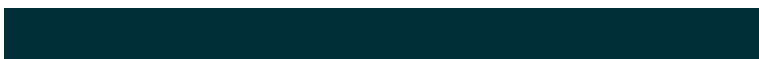
D4DDEE



6C7678



009BB8



002F38



# Inverse Universe

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



EED4EA



FFDEFA



EEE5D4



786C76



B8009B

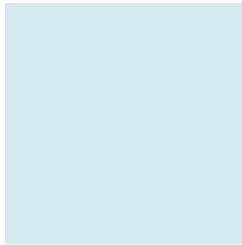


38002F



# Previews

## White Background



This preview shows how the Hex color D4EAEF looks on a white background.

## Color Contrast Check

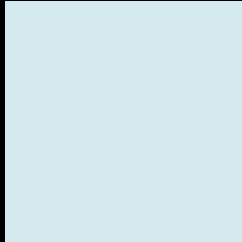
Large Text (above 18pt) WCAG AA × Fail

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 D4EAE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

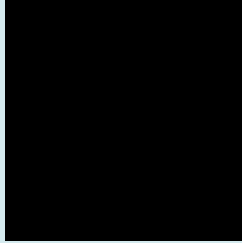
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

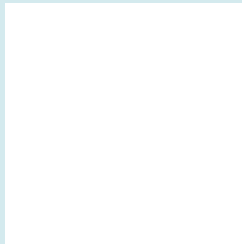
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4EAE E Background



This preview shows how black text looks on a background with the Hex color D4EAE E.

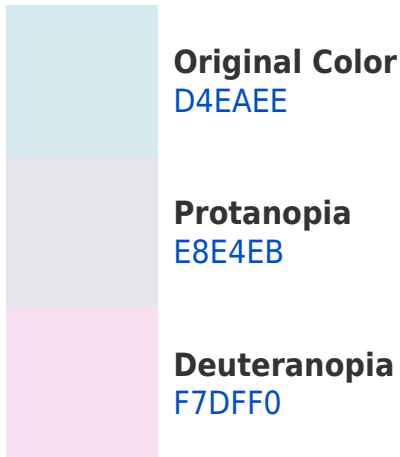


This preview shows how white text looks on a background with the Hex color D4EAE E.

# 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**  
D6E8FA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4EAEE 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 #D4EAEE looks like.

```
.text, #text, p{  
    color:#D4EAEE  
}
```

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 #D4EAEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4EAEF
}
```

## Border

The CSS property to change the border of an element to Hex D4EAEF 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
#D4EAEF }
```

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

```
.border{ border-color:#D4EAE } 
```

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

Here you see how a box with a 4 pixel #D4EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4EAE; -webkit-box-shadow:4px 4px  
4px 4px #D4EAE; box-shadow:4px 4px 4px  
4px #D4EAE } 
```

# Background

The CSS property to change the background color of an element to Hex D4EAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4EAE6 }
```

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

```
.background{ background-color:#D4EAE6 }
```

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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