

# Converting Colors

Hex(CDE5E8)

Have a look what the booklet for  
Hex(CDE5E8) contains.

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# **Color**

**Hex(CDE5E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDE5E8
RGB	205, 229, 232
RGB Percent	80%, 90%, 91%
CMY	0.1961, 0.1020, 0.0902
CMYK	0.12, 0.01, 0.00, 0.09
HSL	187°, 37%, 86%
HSV	187°, 12%, 91%
XYZ	67.7616, 74.8440, 87.2188
YIQ	222.1660, -15.2670, -4.1550

# Conversions

## Conversions Part 2

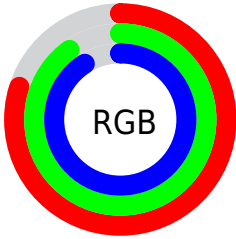
Format	Color
R <sub>Y</sub> B	205, 218, 232
Decimal	13493736
CIE Lab	89.32, -7.30, -4.16
CIE LCh	89, 8.398, 209.674
Yxy	74.8440, 0.2948, 0.3257
Android (android.graphics.Color)	4291683816 (0xFFCDE5E8)
YUV	222.1660, 4.8482, -15.0546
Hunter-Lab	86.5124, -11.5849, 0.7845

# Details

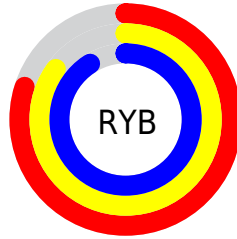
The Hex color **CDE5E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8D0CD**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **97AEB0** is the 20% darker color. If you saturate the color by 10%, you get **B6E2E8**, and if you desaturate by 10%, it is **E4E8E8**.

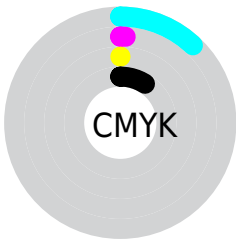
# Distribution



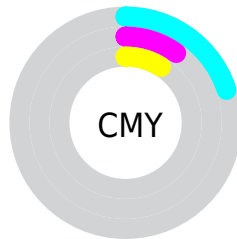
- Red (80%)
- Green (90%)
- Blue (91%)



- Red (80%)
- Yellow (85%)
- Blue (91%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (10%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDE5E8 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 CDE5E8 by changing the saturation by 10% instead.



 CDE5E8

FFFFFF

 CDE5E8

 B1C9CC

 97AEB0

 7D9396

 63797C

 4B6063

 34494B

 1E3235

 091D1F

 000007

 CDE5E8

 CDE5E8

 B6E2E8

 E4E8E8

 9FE0E8

 FBFAE8

 87DDE8

 FFEDE8

 70DBE8

 FFEFE8

 59D8E8

 FFF2E8

 42D6E8

 FFF4E8

 2BD3E8

 FFF7E8

 13D0E8

 FFFAE8

 00CEE8

 FFFCE8

# Harmonies

## Analogous

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



CFE5E0



CDE5E8



D0E3EE

# Triad

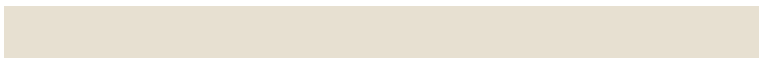
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDE5E8



EBDCE9



E7E0D1

# Complementary

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



CDE5E8



E8D0CD

# 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.



EFDDD3



CDE5E8



F1DBE1

# Square

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



CDE5E8



E2DEEE



F2DCD9



DEE2D2

# Rectangle

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



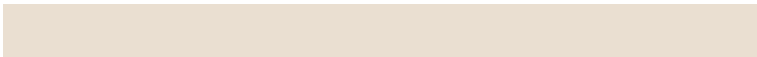
CDE5E8



D5E2F0



F2DCD9



EADFD1



# Sweetspot

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



CDE5E8



F7FEFF



CDE8D0



7A7F80



000000



808080

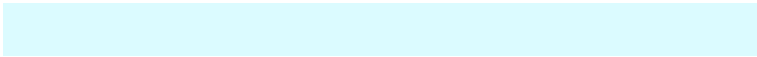


# Same Dimension

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



CDE5E8



DBFBFF



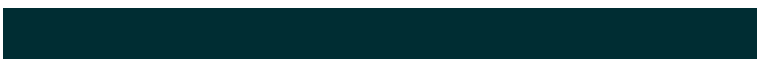
CDD8E8



677173



009FB3



002D33



# Inverse Universe

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



E8CDE5



FFDBFB



E8DDCD



736771



B3009F

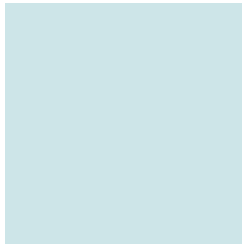


33002D



# Previews

## White Background



This preview shows how the Hex color CDE5E8 looks on a white background.

## Color Contrast Check

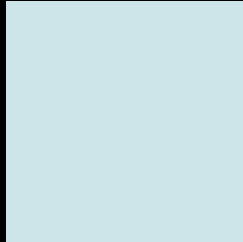
Large Text (above 18pt) WCAG AA × Fail

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 CDE5E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

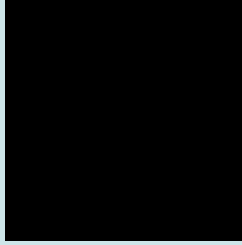
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

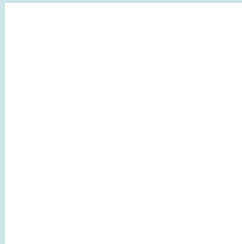
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDE5E8 Background



This preview shows how black text looks on a background with the Hex color CDE5E8.

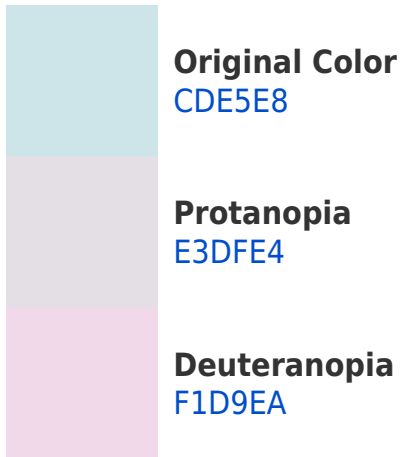


This preview shows how white text looks on a background with the Hex color CDE5E8.

# 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

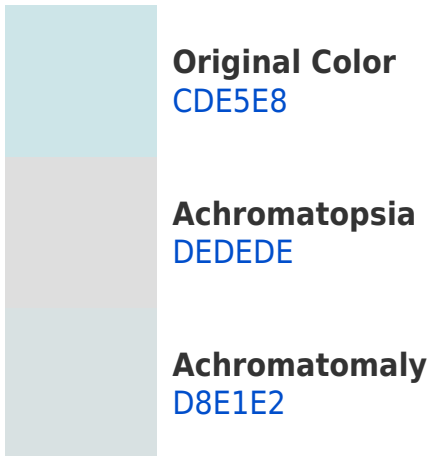




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDE5E8 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 #CDE5E8 looks like.

```
.text, #text, p{  
    color:#CDE5E8  
}
```

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 #CDE5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDE5E8
}
```

## Border

The CSS property to change the border of an element to Hex CDE5E8 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
#CDE5E8 }
```

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

```
.border{ border-color:#CDE5E8 }
```

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

Here you see how a box with a 4 pixel #CDE5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDE5E8; -webkit-box-shadow:4px 4px  
4px 4px #CDE5E8; box-shadow:4px 4px 4px  
4px #CDE5E8 }
```

# Background

The CSS property to change the background color of an element to Hex CDE5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDE5E8 }
```

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

```
.background{ background-color:#CDE5E8 }
```

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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