

Converting Colors

Hex(D8E1E2)

Have a look what the booklet for
Hex(D8E1E2) contains.

Hex(D8E1E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D8E1E2)

Conversions

Conversions Part 1

Format	Color
Hex	D8E1E2
RGB	216, 225, 226
RGB Percent	85%, 88%, 89%
CMY	0.1529, 0.1176, 0.1137
CMYK	0.04, 0.00, 0.00, 0.11
HSL	186°, 15%, 87%
HSV	186°, 4%, 89%
XYZ	68.9716, 73.9403, 82.5882
YIQ	222.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

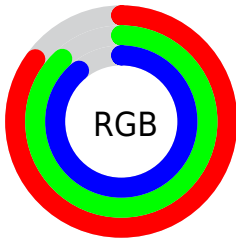
Format	Color
R_{YB}	216, 221, 226
Decimal	14213602
CIE _{Lab}	88.89, -2.82, -1.54
CIE _{LCh}	89, 3.214, 208.709
Yxy	73.9403, 0.3059, 0.3279
Android (android.graphics.Color)	4292403682 (0xFFD8E1E2)
YUV	222.4230, 1.7635, -5.6330
Hunter-Lab	85.9886, -7.3048, 3.2466

Details

The Hex color **D8E1E2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2D9D8**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **A1AAAB** is the 20% darker color. If you saturate the color by 10%, you get **C1DFE2**, and if you desaturate by 10%, it is **EFE3E2**.

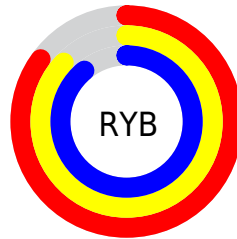
Distribution



Red (85%)

Green (88%)

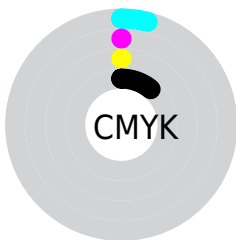
Blue (89%)



Red (85%)

Yellow (87%)

Blue (89%)

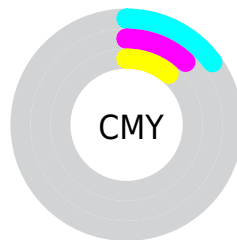


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8E1E2 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 D8E1E2 by changing the saturation by 10% instead.

 D8E1E2

FFFFFF

 D8E1E2

 BCC5C6

 A1AAAB

 878F90

 6E7677

 555D5E

 3E4646

 282F30

 141A1B

 000000

 D8E1E2

 D8E1E2

 C1DFE2

 EFE3E2

 ABDCE2

 FFE6E2

 94DAE2

 FFE8E2

 7ED8E2

 FFEAE2

 67D6E2

 FFECE2

 50D3E2

 FFEFE2

 3AD1E2

 FFF1E2

 23CFE2

 FFF3E2

 0DCDE2

 FFF5E2

Harmonies

Analogous

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



D9E1DF



D8E1E2



D9E0E4

Triad

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



D8E1E2



E3DEE2



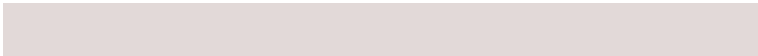
E2DFD9

Complementary

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



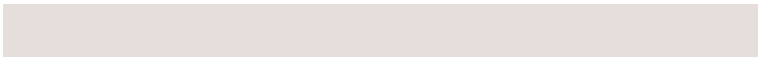
D8E1E2



E2D9D8

Split Complementary

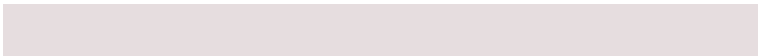
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E5DEDA



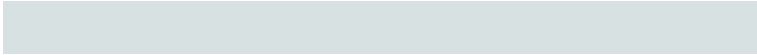
D8E1E2



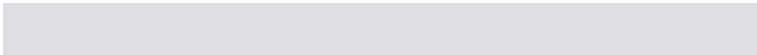
E6DDDF

Square

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



D8E1E2



E0DEE5



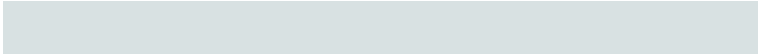
E6DDDC



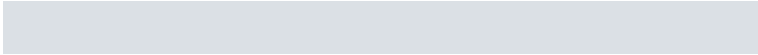
DFE0DA

Rectangle

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



D8E1E2



DBE0E5



E6DDDC



E3DFD9

Sweetspot

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



D8E1E2



FCFFFF



D8E2D9



7E7F80



000000



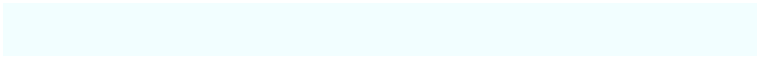
808080

Same Dimension

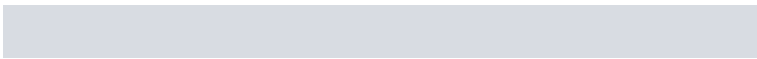
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8E1E2



F2FEFF



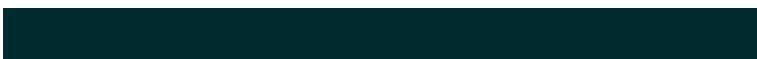
D8DCE2



697070



009EB0



002C30

Inverse Universe

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



E2D8E1



FFF2FE



E2DED8



706970



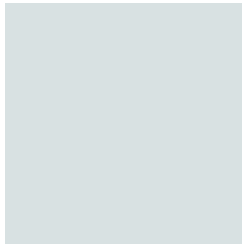
B0009E



30002C

Previews

White Background



This preview shows how the Hex color D8E1E2 looks on a white background.

Color Contrast Check

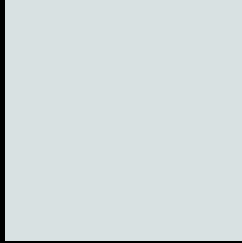
Large Text (above 18pt) WCAG AA × Fail

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 D8E1E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

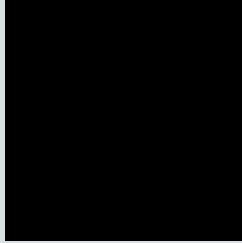
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

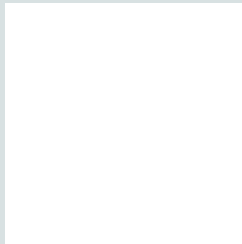
Any Text WCAG AAA ✓ Pass

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

Hex D8E1E2 Background



This preview shows how black text looks on a background with the Hex color D8E1E2.

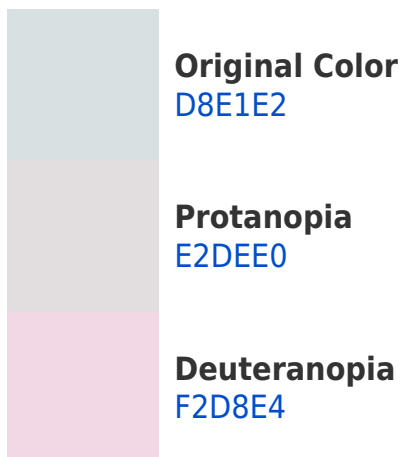


This preview shows how white text looks on a background with the Hex color D8E1E2.

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](#).

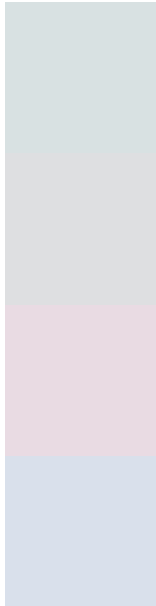
Dichromacy





Tritanopia
DADFF0

Trichromacy



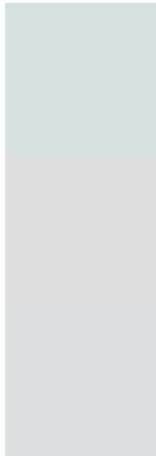
Original Color
D8E1E2

Protanomaly
DEDFE1

Deuteranomaly
E9DBE3

Tritanomaly
D9E0EB

Monochromacy



Original Color
D8E1E2

Achromatopsia
DEDEDE

Achromatomaly
DCDFDF

CSS Examples

Text

The CSS property to change the color of the text to Hex D8E1E2 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 #D8E1E2 looks like.

```
.text, #text, p{  
    color:#D8E1E2  
}
```

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 #D8E1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8E1E2
}
```

Border

The CSS property to change the border of an element to Hex D8E1E2 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
#D8E1E2 }
```

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

```
.border{ border-color:#D8E1E2 }
```

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

Here you see how a box with a 4 pixel #D8E1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8E1E2; -webkit-box-shadow:4px 4px  
4px 4px #D8E1E2; box-shadow:4px 4px 4px  
4px #D8E1E2 }
```

Background

The CSS property to change the background color of an element to Hex D8E1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8E1E2 }
```

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

```
.background{ background-color:#D8E1E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor