

# Converting Colors

Hex(D2E4D8)

Have a look what the booklet for  
Hex(D2E4D8) contains.

<b>Hex(D2E4D8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2E4D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2E4D8
RGB	210, 228, 216
RGB Percent	82%, 89%, 85%
CMY	0.1765, 0.1059, 0.1529
CMYK	0.08, 0.00, 0.05, 0.11
HSL	140°, 25%, 86%
HSV	140°, 8%, 89%
XYZ	66.7164, 74.1463, 75.7611
YIQ	221.2500, -6.8760, -7.5480

# Conversions

## Conversions Part 2

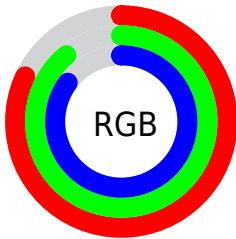
Format	Color
R <sub>Y</sub> B	210, 224, 228
Decimal	13821144
CIE Lab	88.99, -8.19, 3.79
CIE LCh	89, 9.027, 155.140
Yxy	74.1463, 0.3080, 0.3423
Android (android.graphics.Color)	4292011224 (0xFFD2E4D8)
YUV	221.2500, -2.5882, -9.8662
Hunter-Lab	86.1083, -12.3882, 8.1103

# Details

The Hex color **D2E4D8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E4D2DE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **9BADA1** is the 20% darker color. If you saturate the color by 10%, you get **BBE4C9**, and if you desaturate by 10%, it is **E9E4E7**.

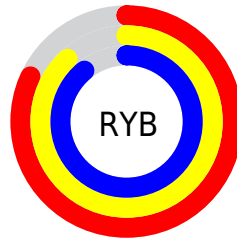
# Distribution



Red (82%)

Green (89%)

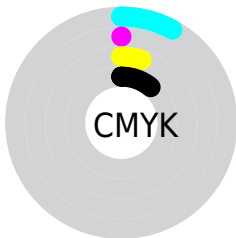
Blue (85%)



Red (82%)

Yellow (88%)

Blue (89%)

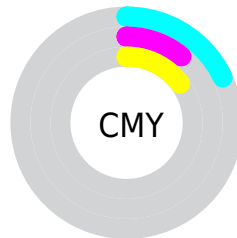


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2E4D8 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 D2E4D8 by changing the saturation by 10% instead.



 D2E4D8

FFFFFF

 D2E4D8

 B6C8BC

 9BADA1

 819287

 68786E

 506055

 39483E

 233128

 0F1C14

 000000

 D2E4D8

 D2E4D8

 BBE4C9

 E9E4E7

 A4E4BA

 FFE4F6

 8EE4AA

 FFE4FF

 77E49B

 60E48C

 49E47D

 32E46E

 1CE45E

 05E44F

# Harmonies

## Analogous

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



DBE2D1



D2E4D8



CCE5E1

# Triad

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



D2E4D8



D9E0F0



F2DBD6

# Complementary

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



D2E4D8



E4D2DE

# 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.



F2DADE



D2E4D8



E3DDEE

# Square

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



D2E4D8



CFE2EF



ECDBE7



EEDDD0

# Rectangle

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



D2E4D8



CAE5E6



ECDBE7



F3DAD9



# Sweetspot

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



D2E4D8



FAFFFC



DEE4D2



7D807E



000000



808080



# Same Dimension

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



D2E4D8



E8FFF0



D2E4E1



67736B



00B33C



003311



# Inverse Universe

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



E4D2DE



FFE8F7



E4D2D5



73676F



B30077

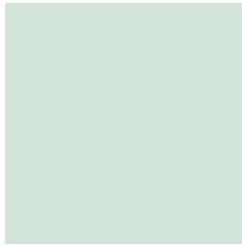


330022



# Previews

## White Background



This preview shows how the Hex color D2E4D8 looks on a white background.

## Color Contrast Check

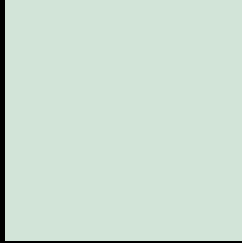
Large Text (above 18pt) WCAG AA × Fail

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 D2E4D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

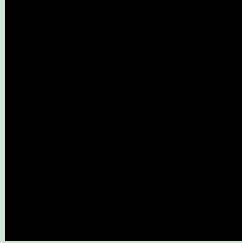
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

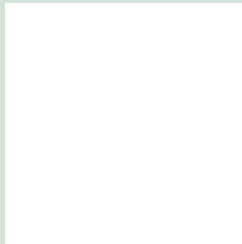
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D2E4D8 Background



This preview shows how black text looks on a background with the Hex color D2E4D8.

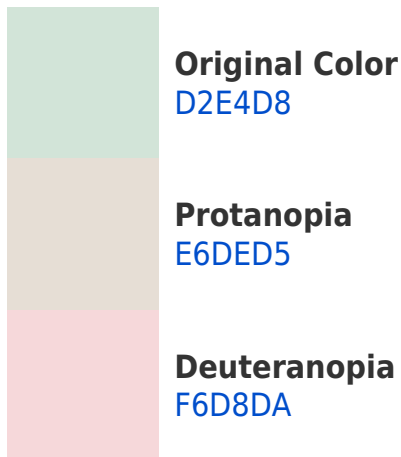


This preview shows how white text looks on a background with the Hex color D2E4D8.

# 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**  
D6E0F2

# Trichromacy



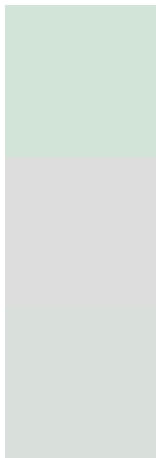
**Original Color**  
D2E4D8

**Protanomaly**  
DFE0D6

**Deuteranomaly**  
E9DCD9

**Tritanomaly**  
D5E1E9

# Monochromacy



**Original Color**  
D2E4D8

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
D9E0DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2E4D8 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 #D2E4D8 looks like.

```
.text, #text, p{  
    color:#D2E4D8  
}
```

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 #D2E4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2E4D8 }  
}
```

## Border

The CSS property to change the border of an element to Hex D2E4D8 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 #D2E4D8 }  
}
```

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

```
.border{ border-color:#D2E4D8 }
```

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

Here you see how a box with a 4 pixel #D2E4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2E4D8; -webkit-box-shadow:4px 4px  
4px 4px #D2E4D8; box-shadow:4px 4px 4px  
4px #D2E4D8 }
```

# Background

The CSS property to change the background color of an element to Hex D2E4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2E4D8 }
```

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

```
.background{ background-color:#D2E4D8 }
```

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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