

# Converting Colors

Hex(D5DCE4)

Have a look what the booklet for  
Hex(D5DCE4) contains.

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# **Color**

**Hex(D5DCE4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5DCE4
RGB	213, 220, 228
RGB Percent	84%, 86%, 89%
CMY	0.1647, 0.1373, 0.1059
CMYK	0.07, 0.04, 0.00, 0.11
HSL	212°, 22%, 86%
HSV	212°, 7%, 89%
XYZ	67.0374, 70.9340, 83.5572
YIQ	218.8190, -6.7400, 1.0040

# Conversions

## Conversions Part 2

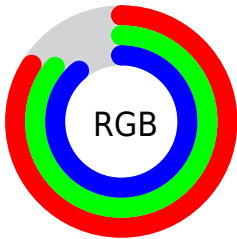
Format	Color
R <sub>Y</sub> B	213, 218, 228
Decimal	14015716
CIE Lab	87.45, -0.85, -4.74
CIE LCh	87, 4.815, 259.874
Yxy	70.9340, 0.3026, 0.3202
Android (android.graphics.Color)	4292205796 (0xFFD5DCE4)
YUV	218.8190, 4.5262, -5.1033
Hunter-Lab	84.2223, -5.3107, 0.1339

# Details

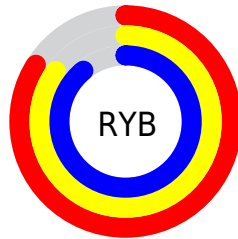
The Hex color **D5DCE4** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E4DDD5**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **9EA5AD** is the 20% darker color. If you saturate the color by 10%, you get **BED0E4**, and if you desaturate by 10%, it is **ECE8E4**.

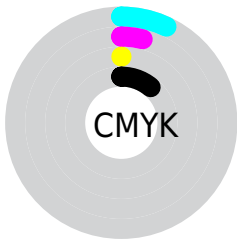
# Distribution



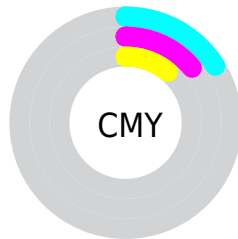
- Red (84%)
- Green (86%)
- Blue (89%)



- Red (84%)
- Yellow (85%)
- Blue (89%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (14%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5DCE4 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 D5DCE4 by changing the saturation by 10% instead.



■ D5DCE4

FFFFFF

■ D5DCE4

■ B9C0C8

■ 9EA5AD

■ 848B92

■ 6B7178

■ 535960

■ 3C4248

■ 262B32

■ 11171D

■ 000001

 D5DCE4

 D5DCE4

 BED0E4

 ECE8E4

 A7C4E4

 FFF4E4

 91B8E4

 FFFFE4

 7AABE4

 639FE4

 4C93E4

 3587E4

 1F7BE4

 086FE4

# Harmonies

## Analogous

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



D1DDE2



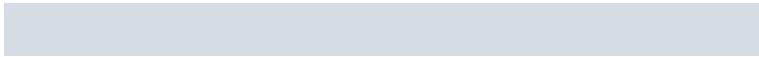
D5DCE4



DADAE4

# Triad

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



D5DCE4



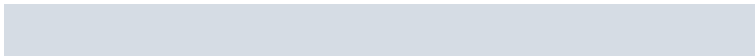
E5D8D8



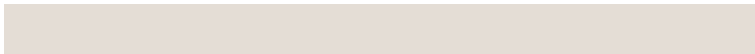
D6DDD5

# Complementary

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



D5DCE4



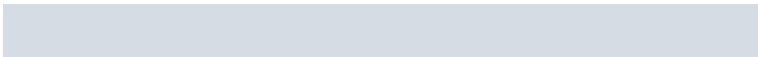
E4DDD5

# 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.



DCDCD3



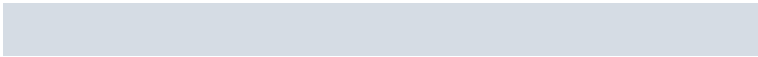
D5DCE4



E4D9D4

# Square

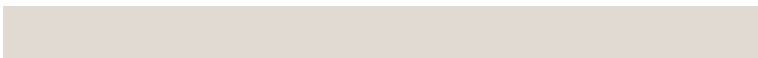
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D5DCE4



E4D8DD



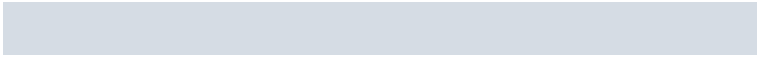
E1DAD2



D2DED9

# Rectangle

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



D5DCE4



DEDAE2



E1DAD2



D8DDD4

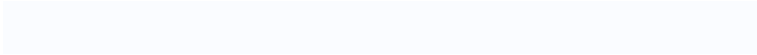


# Sweetspot

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



D5DCE4



FAFCFF



D5E4DD



7D7E80



000000



808080

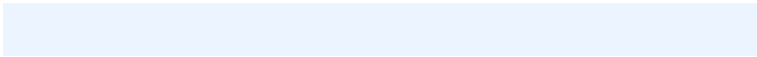


# Same Dimension

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



D5DCE4



EBF4FF



D6D5E4



676D73



0053B3



001833



# Inverse Universe

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



E4D5DC



FFEBF4



E4E4D5



73676D



B30053

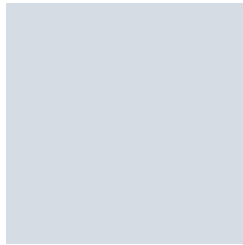


330018



# Previews

## White Background



This preview shows how the Hex color D5DCE4 looks on a white background.

## Color Contrast Check

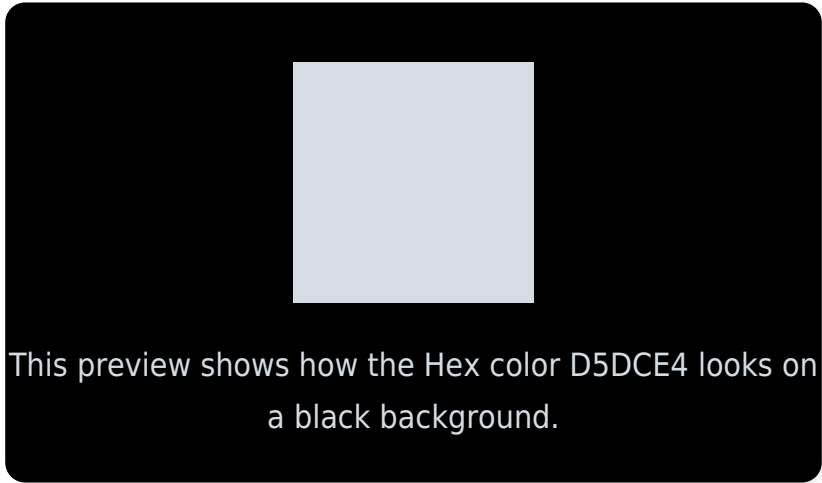
Large Text (above 18pt) WCAG AA × Fail

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

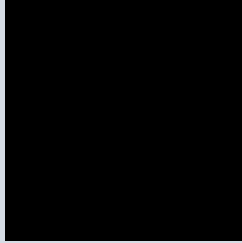
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

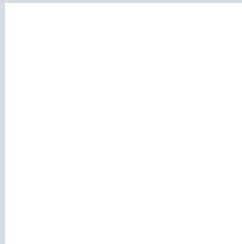
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5DCE4 Background



This preview shows how black text looks on a background with the Hex color D5DCE4.

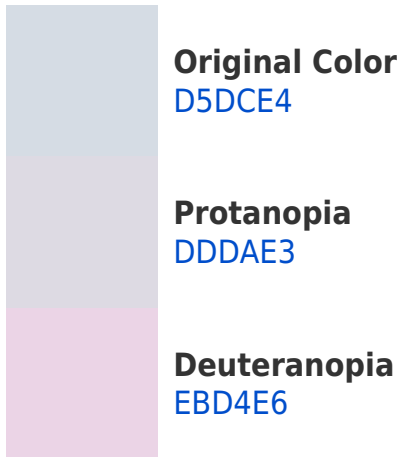


This preview shows how white text looks on a background with the Hex color D5DCE4.

# Color Blindness Simulation

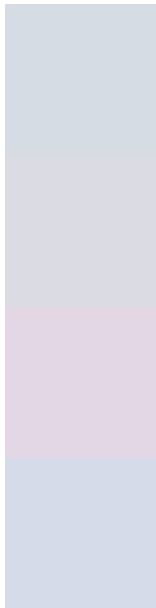
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



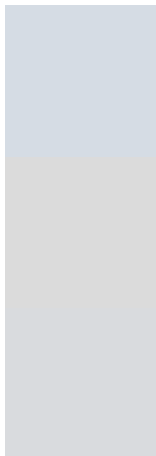
**Original Color**  
D5DCE4

**Protanomaly**  
DADBE3

**Deuteranomaly**  
E3D7E5

**Tritanomaly**  
D6DBE9

# Monochromacy



**Original Color**  
D5DCE4

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D9DBDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5DCE4 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 #D5DCE4 looks like.

```
.text, #text, p{  
    color:#D5DCE4  
}
```

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 #D5DCE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5DCE4
}
```

## Border

The CSS property to change the border of an element to Hex D5DCE4 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
#D5DCE4 }
```

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

```
.border{ border-color:#D5DCE4 }
```

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

Here you see how a box with a 4 pixel #D5DCE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5DCE4; -webkit-box-shadow:4px 4px  
4px 4px #D5DCE4; box-shadow:4px 4px 4px  
4px #D5DCE4 }
```

# Background

The CSS property to change the background color of an element to Hex D5DCE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5DCE4 }
```

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

```
.background{ background-color:#D5DCE4 }
```

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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