

Converting Colors

Hex(D3DAE6)

Have a look what the booklet for
Hex(D3DAE6) contains.

Hex(D3DAE6)	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(D3DAE6)

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE6
RGB	211, 218, 230
RGB Percent	83%, 85%, 90%
CMY	0.1725, 0.1451, 0.0980
CMYK	0.08, 0.05, 0.00, 0.10
HSL	218°, 28%, 86%
HSV	218°, 8%, 90%
XYZ	66.2183, 69.7049, 84.8272
YIQ	217.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

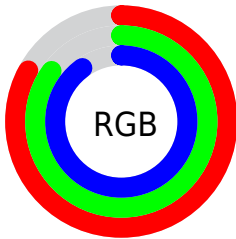
Format	Color
R _Y B	211, 216, 230
Decimal	13884134
CIE Lab	86.85, -0.08, -6.70
CIE LCh	87, 6.699, 269.350
Yxy	69.7049, 0.3000, 0.3158
Android (android.graphics.Color)	4292074214 (0xFFD3DAE6)
YUV	217.2750, 6.2734, -5.5032
Hunter-Lab	83.4894, -4.5321, -1.7974

Details

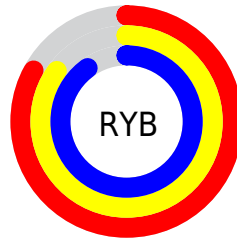
The Hex color **D3DAE6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E6DFD3**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **9CA3AF** is the 20% darker color. If you saturate the color by 10%, you get **BCCBE6**, and if you desaturate by 10%, it is **EAE9E6**.

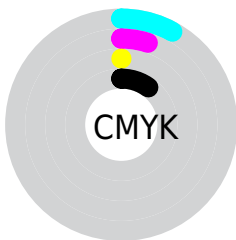
Distribution



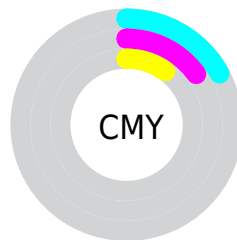
- Red (83%)
- Green (85%)
- Blue (90%)



- Red (83%)
- Yellow (85%)
- Blue (90%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3DAE6 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 D3DAE6 by changing the saturation by 10% instead.

■ D3DAE6

FFFFFF

■ D3DAE6

■ B7BECA

■ 9CA3AF

■ 828994

■ 69707A

■ 515761

■ 3A404A

■ 242A33

■ 10161E

■ 000003

 D3DAE6

 D3DAE6

 BCCBE6

 EAE9E6

 A5BDE6

 FFF7E6

 8EAEE6

 FFFF66

 77A0E6

 6091E6

 4983E6

 3274E6

 1B66E6

 0457E6

Harmonies

Analogous

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



CDDCE4



D3DAE6



DBD8E4

Triad

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



D3DAE6



E8D6D3



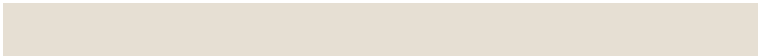
D1DDD3

Complementary

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



D3DAE6



E6DFD3

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.



D8DBCE



D3DAE6



E5D7CF

Square

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



D3DAE6



E7D5DA



DFD9CD



CCDDD9

Rectangle

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



D3DAE6



E0D7E2



DFD9CD



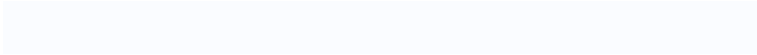
D3DCD1

Sweetspot

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



D3DAE6



FAFCFF



D3E6DF



7D7E80



000000



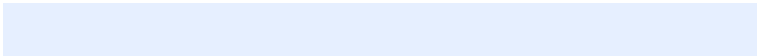
808080

Same Dimension

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



D3DAE6



E6EFFF



D5D3E6



676C73



0042B3



001333

Inverse Universe

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



E6D3DA



FFE6EF



E4E6D3



73676C



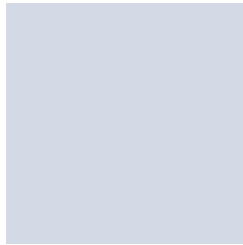
B30042



330013

Previews

White Background



This preview shows how the Hex color D3DAE6 looks on a white background.

Color Contrast Check

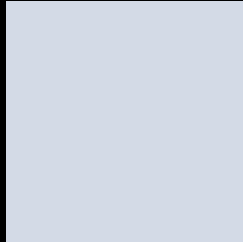
Large Text (above 18pt) WCAG AA × Fail

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 D3DAE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

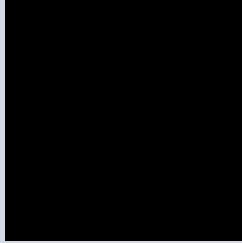
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

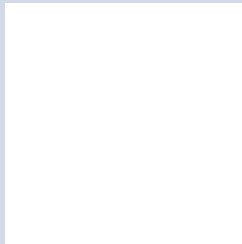
Any Text WCAG AAA ✓ Pass

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

Hex D3DAE6 Background



This preview shows how black text looks on a background with the Hex color D3DAE6.

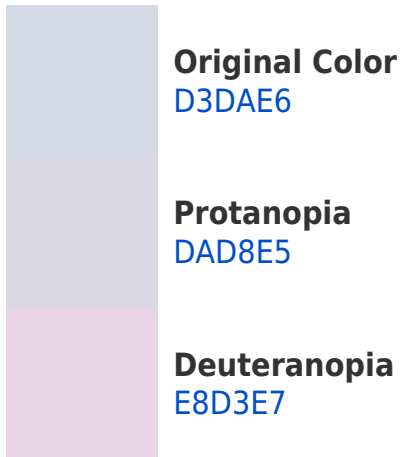


This preview shows how white text looks on a background with the Hex color D3DAE6.

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](#).

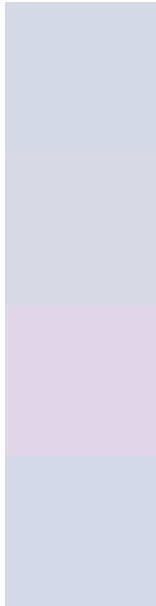
Dichromacy





Tritanopia
D4D9EA

Trichromacy



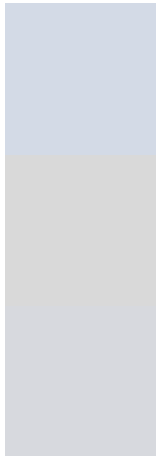
Original Color
D3DAE6

Protanomaly
D7D9E5

Deuteranomaly
E0D6E7

Tritanomaly
D4D9E9

Monochromacy



Original Color
D3DAE6

Achromatopsia
D9D9D9

Achromatomaly
D7D9DE

CSS Examples

Text

The CSS property to change the color of the text to Hex D3DAE6 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 #D3DAE6 looks like.

```
.text, #text, p{  
    color:#D3DAE6  
}
```

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 #D3DAE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3DAE6
}
```

Border

The CSS property to change the border of an element to Hex D3DAE6 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
#D3DAE6 }
```

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

```
.border{ border-color:#D3DAE6 }
```

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

Here you see how a box with a 4 pixel #D3DAE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3DAE6; -webkit-box-shadow:4px 4px  
4px 4px #D3DAE6; box-shadow:4px 4px 4px  
4px #D3DAE6 }
```

Background

The CSS property to change the background color of an element to Hex D3DAE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3DAE6 }
```

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

```
.background{ background-color:#D3DAE6 }
```

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