

# Converting Colors

Hex(DFE2E8)

Have a look what the booklet for  
Hex(DFE2E8) contains.

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# **Color**

**Hex(DFE2E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFE2E8
RGB	223, 226, 232
RGB Percent	87%, 89%, 91%
CMY	0.1255, 0.1137, 0.0902
CMYK	0.04, 0.03, 0.00, 0.09
HSL	220°, 16%, 89%
HSV	220°, 4%, 91%
XYZ	72.1933, 75.9069, 87.1904
YIQ	225.7870, -3.7140, 1.2300

# Conversions

## Conversions Part 2

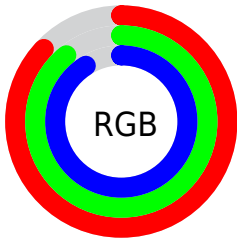
Format	Color
R <sub>Y</sub> B	223, 225, 232
Decimal	14672616
CIE Lab	89.82, 0.10, -3.28
CIE LCh	90, 3.283, 271.694
Yxy	75.9069, 0.3068, 0.3226
Android (android.graphics.Color)	4292862696 (0xFFDFE2E8)
YUV	225.7870, 3.0630, -2.4442
Hunter-Lab	87.1246, -4.5591, 1.6524

# Details

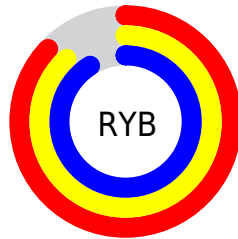
The Hex color **DFE2E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8E5DF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **A8ABB0** is the 20% darker color. If you saturate the color by 10%, you get **C8D3E8**, and if you desaturate by 10%, it is **F6F1E8**.

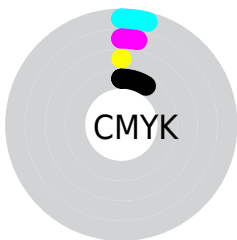
# Distribution



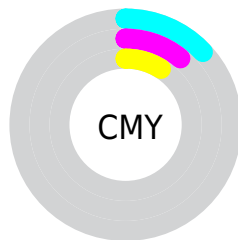
- Red (87%)
- Green (89%)
- Blue (91%)



- Red (87%)
- Yellow (88%)
- Blue (91%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DFE2E8 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 DFE2E8 by changing the saturation by 10% instead.



■ DFE2E8

FFFFFF

■ DFE2E8

■ C3C6CC

■ A8ABB0

■ 8D9096

■ 74777C

■ 5B5E63

■ 44464B

■ 2E3035

■ 191B1F

■ 000007

 DFE2E8

 DFE2E8

 C8D3E8

 F6F1E8

 B1C3E8

 FFFFE8

 99B4E8

 82A4E8

 6B95E8

 5485E8

 3D76E8

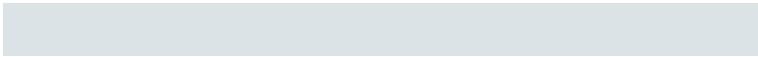
 2566E8

 0E57E8

# Harmonies

## Analogous

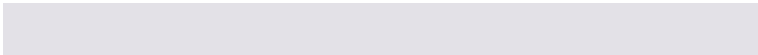
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DCE3E7



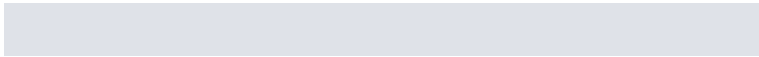
DFE2E8



E3E1E7

# Triad

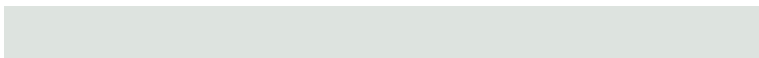
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DFE2E8



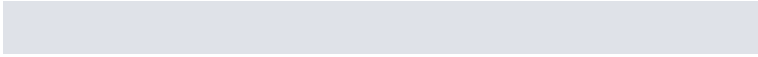
E9E0DF



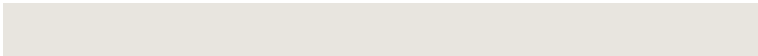
DDE3DF

# Complementary

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



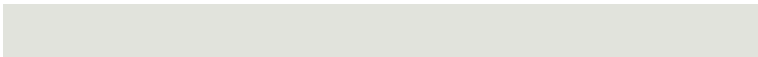
DFE2E8



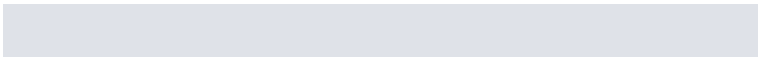
E8E5DF

# Split Complementary

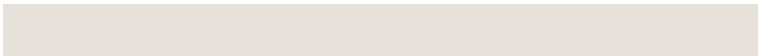
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1E3DC



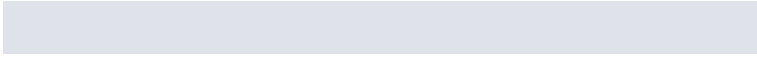
DFE2E8



E7E1DC

# Square

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



DFE2E8



E8E0E2



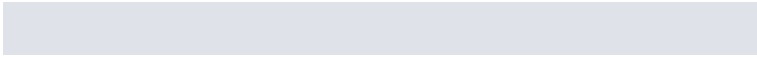
E4E2DC



DBE4E2

# Rectangle

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



DFE2E8



E5E0E6



E4E2DC

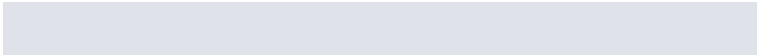


DEE3DE



# Sweetspot

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



DFE2E8



FCFDFF



DFE8E5



7E7F80



000000

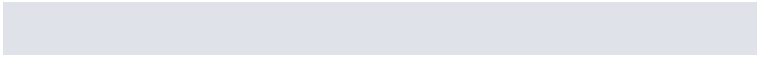


808080



# Same Dimension

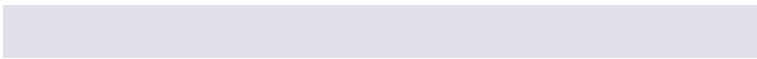
The Same Dimension uses a secret algorithm to generate beautiful new colors.



DFE2E8



F2F6FF



E1DFE8



6C6E73



003BB3



001133



# Inverse Universe

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



E8DFE2



FFF2F7



E7E8DF



736C6E



B3003B

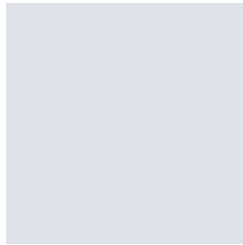


330011



# Previews

## White Background



This preview shows how the Hex color DFE2E8 looks on a white background.

## Color Contrast Check

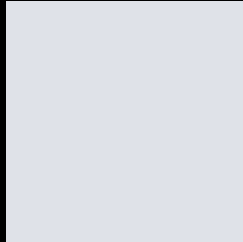
Large Text (above 18pt) WCAG AA × Fail

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 DFE2E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

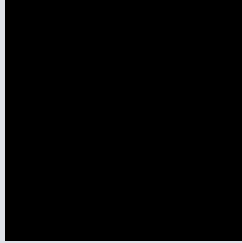
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

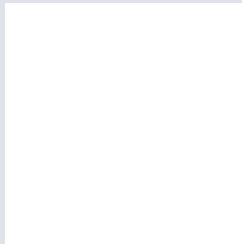
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DFE2E8 Background



This preview shows how black text looks on a background with the Hex color DFE2E8.



This preview shows how white text looks on a background with the Hex color DFE2E8.

# 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](#).

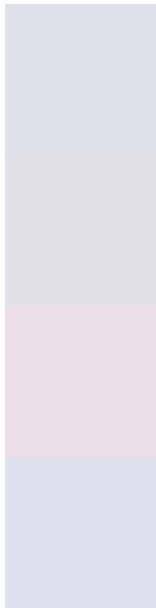
## Dichromacy





**Tritanopia**  
E1E0F2

# Trichromacy



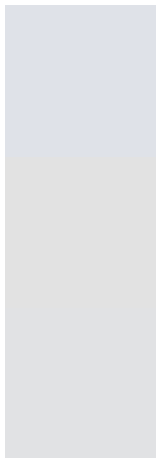
**Original Color**  
DFE2E8

**Protanomaly**  
E2E1E7

**Deuteranomaly**  
ECDEE9

**Tritanomaly**  
E0E1EE

# Monochromacy



**Original Color**  
DFE2E8

**Achromatopsia**  
E2E2E2

**Achromatomaly**  
E1E2E4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DFE2E8 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 #DFE2E8 looks like.

```
.text, #text, p{  
    color:#DFE2E8  
}
```

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 #DFE2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFE2E8 }
}
```

## Border

The CSS property to change the border of an element to Hex DFE2E8 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 #DFE2E8 }
}
```

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

```
.border{ border-color:#DFE2E8 }
```

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

Here you see how a box with a 4 pixel #DFE2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFE2E8; -webkit-box-shadow:4px 4px  
4px 4px #DFE2E8; box-shadow:4px 4px 4px  
4px #DFE2E8 }
```

# Background

The CSS property to change the background color of an element to Hex DFE2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFE2E8 }
```

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

```
.background{ background-color:#DFE2E8 }
```

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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