

Converting Colors

RGB(226, 229, 238)

Have a look what the booklet for
RGB(226, 229, 238) contains.

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Color

RGB(226, 229, 238)

Conversions

Conversions Part 1

Format	Color
Hex	E2E5EE
RGB	226, 229, 238
RGB Percent	89%, 90%, 93%
CMY	0.1137, 0.1020, 0.0667
CMYK	0.05, 0.04, 0.00, 0.07
HSL	225°, 26%, 91%
HSV	225°, 5%, 93%
XYZ	74.8160, 78.3804, 92.0746
YIQ	229.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

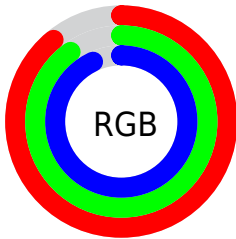
Format	Color
R_{YB}	226, 228, 238
Decimal	14869998
CIE _{Lab}	90.95, 0.65, -4.73
CIE _{LCh}	91, 4.771, 277.884
Yxy	78.3804, 0.3050, 0.3196
Android (android.graphics.Color)	4293060078 (0xFFE2E5EE)
YUV	229.1290, 4.3734, -2.7441
Hunter-Lab	88.5327, -4.0880, 0.3109

Details

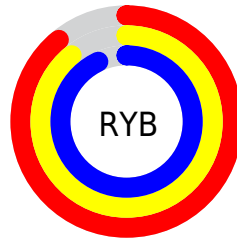
The RGB color **226, 229, 238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **238, 235, 226**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 174, 182** is the 20% darker color. If you saturate the color by 10%, you get **202, 211, 238**, and if you desaturate by 10%, it is **250, 247, 238**.

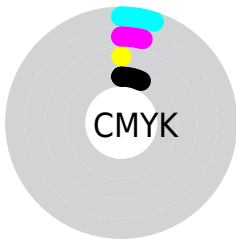
Distribution



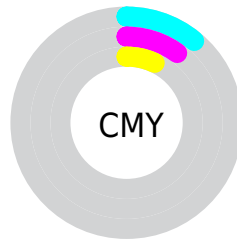
- Red (89%)
- Green (90%)
- Blue (93%)



- Red (89%)
- Yellow (89%)
- Blue (93%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 229, 238 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 RGB color 226, 229, 238 by changing the saturation by 10% instead.

■ 226, 229, 238

255, 255, 255

■ 226, 229, 238

■ 198, 201, 210

■ 171, 174, 182

■ 144, 147, 155

■ 119, 121, 129

■ 94, 97, 104

■ 70, 73, 80

■ 48, 50, 57

■ 27, 29, 36


■ 0, 3, 14

 226, 229, 238


 226, 229, 238


 202, 211, 238


 250, 247, 238


 178, 193, 238


 255, 255, 238

 155, 175, 238

 131, 158, 238

 107, 140, 238

 83, 122, 238

 59, 104, 238

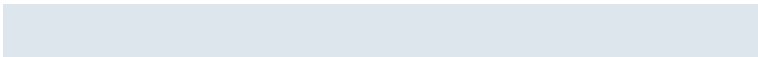
 36, 86, 238

 12, 68, 238

Harmonies

Analogous

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



221, 230, 237



226, 229, 238



232, 228, 236

Triad

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



226, 229, 238



239, 227, 224



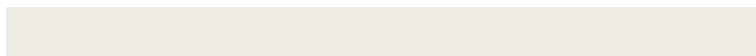
222, 232, 225

Complementary

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



226, 229, 238



238, 235, 226

Split Complementary

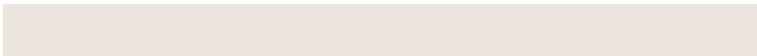
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226, 231, 222



226, 229, 238



236, 228, 221

Square

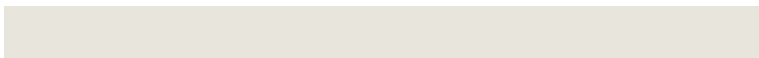
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226, 229, 238



239, 226, 228



232, 229, 220



219, 232, 230

Rectangle

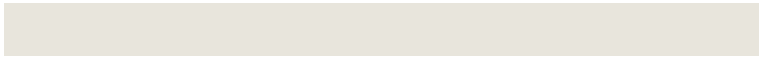
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226, 229, 238



235, 227, 234



232, 229, 220



223, 231, 224

Sweetspot

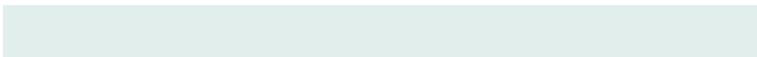
The Sweet Spot groups the original color and five complimentary colors.



226, 229, 238



250, 251, 255



226, 238, 235



125, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



226, 229, 238



240, 244, 255



229, 226, 238



111, 114, 120



0, 46, 184



0, 14, 56

Inverse Universe

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



238, 226, 229



255, 240, 244



235, 238, 226



120, 111, 114



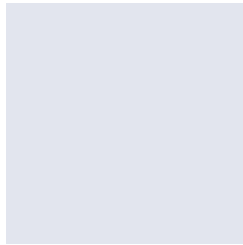
184, 0, 46



56, 0, 14

Previews

White Background



This preview shows how the RGB color 226, 229, 238 looks on a white background.

Color Contrast Check

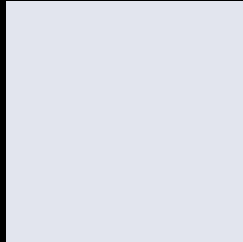
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 226, 229, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

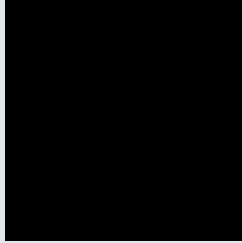
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

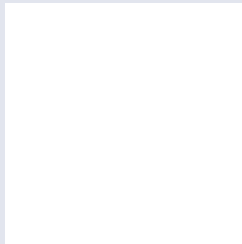
Any Text WCAG AAA ✓ Pass

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

RGB 226, 229, 238 Background



This preview shows how black text looks on a background with the RGB color 226, 229, 238.

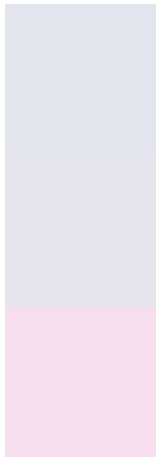


This preview shows how white text looks on a background with the RGB color 226, 229, 238.

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



Original Color
226, 229, 238

Protanopia
231, 228, 237

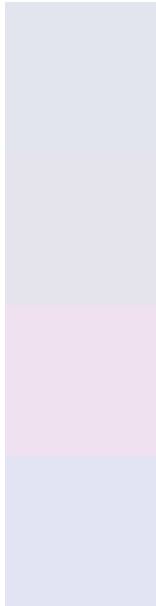
Deuteranopia
246, 222, 239



Tritanopia

227, 228, 246

Trichromacy



Original Color

226, 229, 238

Protanomaly

229, 228, 237

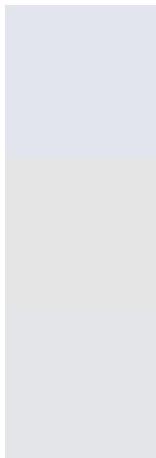
Deuteranomaly

239, 225, 239

Tritanomaly

227, 228, 243

Monochromacy



Original Color

226, 229, 238

Achromatopsia

229, 229, 229

Achromatomaly

228, 229, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 229, 238 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 rgb(226, 229, 238) looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 238)  
}
```

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 rgb(226, 229, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 238) }
```

Border

The CSS property to change the border of an element to RGB 226, 229, 238 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 rgb(226, 229, 238) }
```

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

```
.border{ border-color:rgb(226, 229, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 238);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 226, 229, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 238) }
```

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

```
.background{ background-color: rgb(226,  
229, 238) }
```

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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