

Converting Colors

RGB(226, 226, 232)

Have a look what the booklet for
RGB(226, 226, 232) contains.

RGB(226, 226, 232)	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

RGB(226, 226, 232)

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E8
RGB	226, 226, 232
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1137, 0.0902
CMYK	0.03, 0.03, 0.00, 0.09
HSL	240°, 12%, 90%
HSV	240°, 3%, 91%
XYZ	73.1259, 76.3877, 87.2341
YIQ	226.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

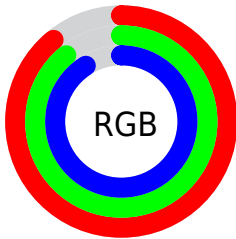
Format	Color
R _Y B	226, 226, 232
Decimal	14869224
CIE Lab	90.04, 1.09, -2.93
CIE LCh	90, 3.125, 290.453
Yxy	76.3877, 0.3089, 0.3227
Android (android.graphics.Color)	4293059304 (0xFFE2E2E8)
YUV	226.6840, 2.6208, -0.5999
Hunter-Lab	87.4000, -3.6026, 2.0026

Details

The RGB color **226, 226, 232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **232, 232, 226**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **171, 171, 176** is the 20% darker color. If you saturate the color by 10%, you get **203, 203, 232**, and if you desaturate by 10%, it is **249, 249, 232**.

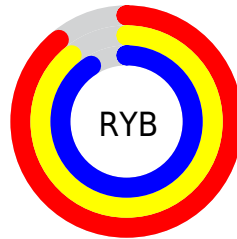
Distribution



Red (89%)

Green (89%)

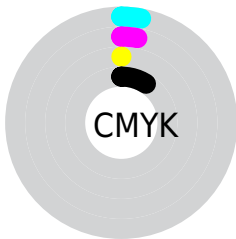
Blue (91%)



Red (89%)

Yellow (89%)

Blue (91%)

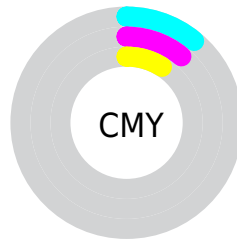


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 226, 232 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, 226, 232 by changing the saturation by 10% instead.

■ 226, 226, 232

255, 255, 255

■ 226, 226, 232

■ 198, 198, 204

■ 171, 171, 176

■ 144, 144, 150

■ 119, 119, 124

■ 94, 94, 99

■ 70, 70, 75

■ 48, 48, 53

■ 27, 27, 31


■ 0, 0, 7

 226, 226, 232


 226, 226, 232


 203, 203, 232


 249, 249, 232

 180, 180, 232

 255, 255, 232

 156, 156, 232


 133, 133, 232

 110, 110, 232

 87, 87, 232

 64, 64, 232

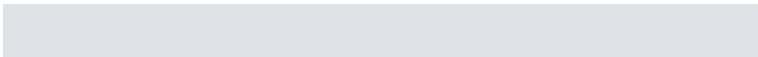
 40, 40, 232

 17, 17, 232

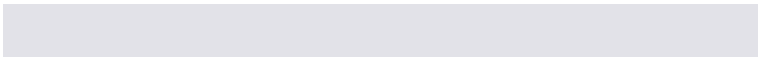
Harmonies

Analogous

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



223, 227, 232



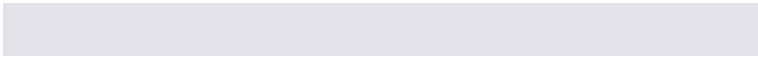
226, 226, 232



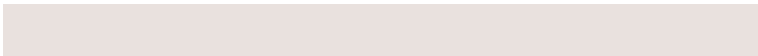
230, 225, 230

Triad

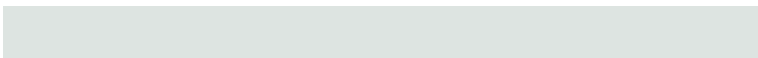
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 226, 232



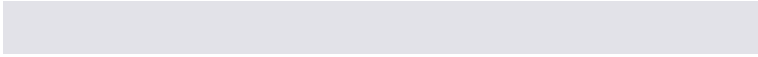
233, 225, 222



221, 228, 225

Complementary

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



226, 226, 232



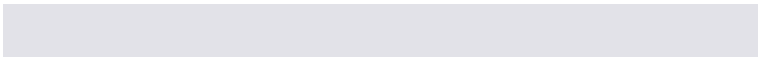
232, 232, 226

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.



223, 228, 223



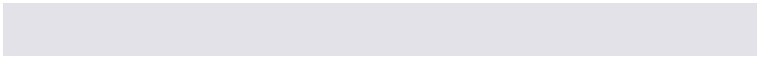
226, 226, 232



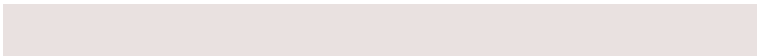
230, 226, 221

Square

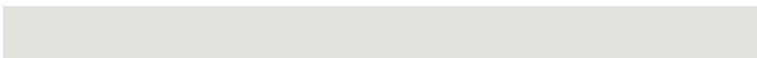
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



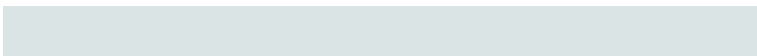
226, 226, 232



233, 225, 224



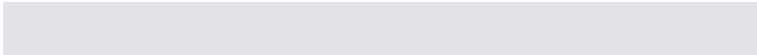
227, 227, 221



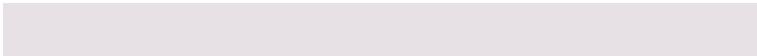
219, 228, 228

Rectangle

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



226, 226, 232



231, 225, 229



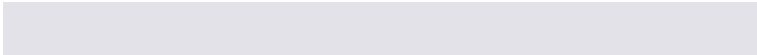
227, 227, 221



221, 228, 224

Sweetspot

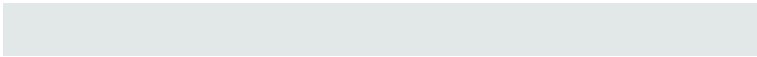
The Sweet Spot groups the original color and five complimentary colors.



226, 226, 232



252, 252, 255



226, 232, 232



126, 126, 128



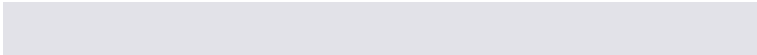
0, 0, 0



128, 128, 128

Same Dimension

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



226, 226, 232



247, 247, 255



229, 226, 232



110, 110, 115



0, 0, 179



0, 0, 51

Inverse Universe

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



232, 226, 232



255, 247, 255



229, 232, 226



115, 110, 115



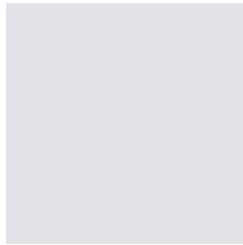
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 226, 226, 232 looks on a white background.

Color Contrast Check

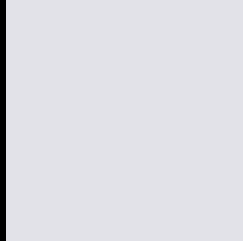
Large Text (above 18pt) WCAG AA × Fail

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, 226, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

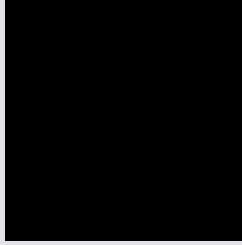
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

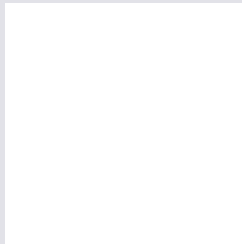
Any Text WCAG AAA ✓ Pass

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

RGB 226, 226, 232 Background



This preview shows how black text looks on a background with the RGB color 226, 226, 232.

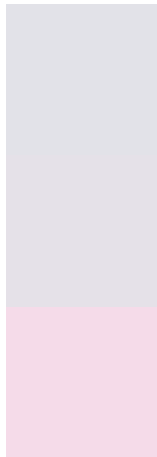


This preview shows how white text looks on a background with the RGB color 226, 226, 232.

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, 226, 232

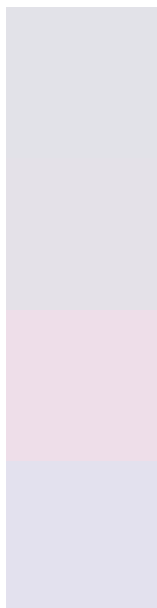
Protanopia
229, 225, 232

Deuteranopia
245, 219, 233



Tritanopia
228, 224, 242

Trichromacy



Original Color

226, 226, 232

Protanomaly

228, 225, 232

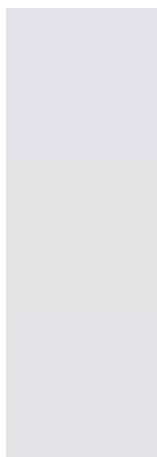
Deuteranomaly

238, 222, 233

Tritanomaly

227, 225, 238

Monochromacy



Original Color

226, 226, 232

Achromatopsia

227, 227, 227

Achromatomaly

227, 227, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 226, 232 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, 226, 232) looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 232)  
}
```

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, 226, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 232) }
```

Border

The CSS property to change the border of an element to RGB 226, 226, 232 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, 226, 232) }
```

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

```
.border{ border-color:rgb(226, 226, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 226, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 226, 232);  
box-shadow:4px 4px 4px 4px rgb(226, 226,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 226, 226, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 232) }
```

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

```
.background{ background-color: rgb(226,  
226, 232) }
```

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