

Converting Colors

RGB(226, 233, 243)

Have a look what the booklet for
RGB(226, 233, 243) contains.

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Color

RGB(226, 233, 243)

Conversions

Conversions Part 1

Format	Color
Hex	E2E9F3
RGB	226, 233, 243
RGB Percent	89%, 91%, 95%
CMY	0.1137, 0.0863, 0.0471
CMYK	0.07, 0.04, 0.00, 0.05
HSL	215°, 41%, 92%
HSV	215°, 7%, 95%
XYZ	76.6806, 80.9176, 96.3712
YIQ	232.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

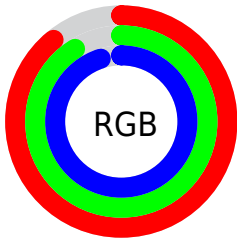
Format	Color
R _Y B	226, 231, 243
Decimal	14871027
CIE Lab	92.10, -0.46, -5.65
CIE LCh	92, 5.674, 265.317
Yxy	80.9176, 0.3019, 0.3186
Android (android.graphics.Color)	4293061107 (0xFFE2E9F3)
YUV	232.0470, 5.3998, -5.3032
Hunter-Lab	89.9542, -5.2593, -0.5515

Details

The RGB color **226, 233, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 236, 226**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is 255, 255, 255, and **171, 177, 187** is the 20% darker color. If you saturate the color by 10%, you get **202, 219, 243**, and if you desaturate by 10%, it is 250, 247, 243.

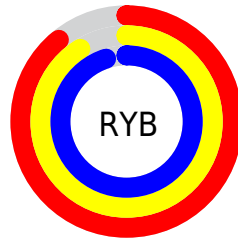
Distribution



Red (89%)

Green (91%)

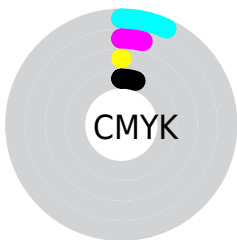
Blue (95%)



Red (89%)

Yellow (91%)

Blue (95%)

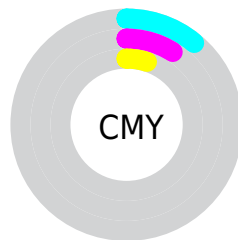


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 226, 233, 243 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, 233, 243 by changing the saturation by 10% instead.

■ 226, 233, 243

255, 255, 255

■ 226, 233, 243

■ 198, 205, 215

■ 171, 177, 187

■ 144, 151, 160

■ 118, 125, 134

■ 94, 100, 109

■ 70, 76, 84

■ 48, 53, 61

■ 27, 32, 39

■ 0, 9, 19

 226, 233, 243


 226, 233, 243

 202, 219, 243


 250, 247, 243

 177, 204, 243


 255, 255, 243


 153, 190, 243

 129, 176, 243

 104, 162, 243

 80, 147, 243

 56, 133, 243

 32, 119, 243

 7, 104, 243

Harmonies

Analogous

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



221, 235, 241



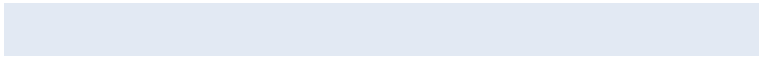
226, 233, 243



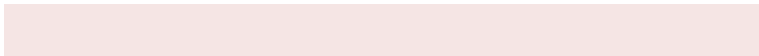
233, 231, 242

Triad

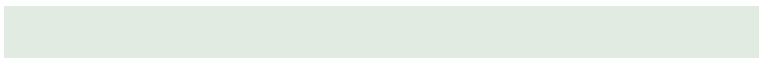
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226, 233, 243



245, 229, 228



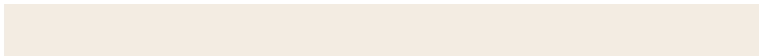
226, 235, 226

Complementary

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



226, 233, 243



243, 236, 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.



232, 233, 222



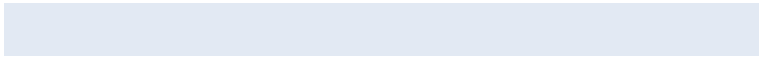
226, 233, 243



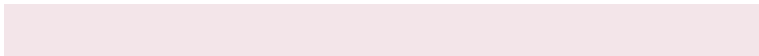
243, 230, 224

Square

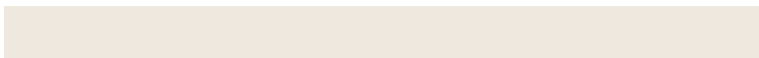
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



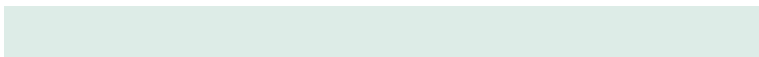
226, 233, 243



243, 229, 233



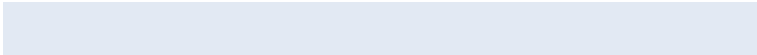
238, 232, 222



221, 236, 231

Rectangle

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



226, 233, 243



237, 230, 240



238, 232, 222



228, 234, 225

Sweetspot

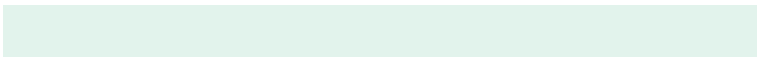
The Sweet Spot groups the original color and five complimentary colors.



226, 233, 243



250, 252, 255



226, 243, 236



125, 126, 128



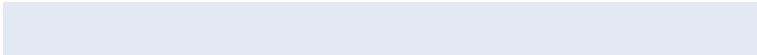
0, 0, 0



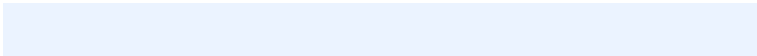
128, 128, 128

Same Dimension

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



226, 233, 243



235, 243, 255



227, 226, 243



110, 115, 122



0, 77, 186



0, 24, 59

Inverse Universe

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



243, 226, 233



255, 235, 243



242, 243, 226



122, 110, 115



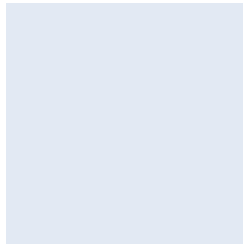
186, 0, 77



59, 0, 24

Previews

White Background



This preview shows how the RGB color 226, 233, 243 looks on a white background.

Color Contrast Check

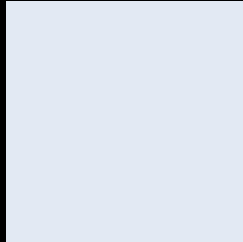
Large Text (above 18pt) WCAG AA × Fail

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, 233, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

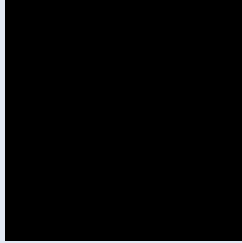
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

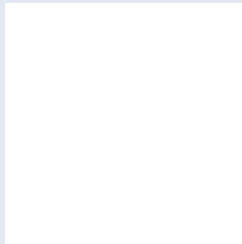
Any Text WCAG AAA ✓ Pass

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

RGB 226, 233, 243 Background



This preview shows how black text looks on a background with the RGB color 226, 233, 243.



This preview shows how white text looks on a background with the RGB color 226, 233, 243.

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

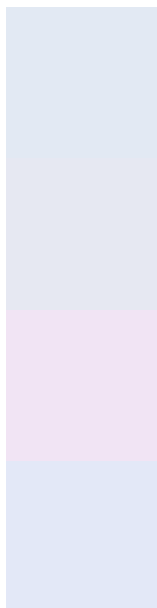




Tritanopia

227, 232, 250

Trichromacy



Original Color

226, 233, 243

Protanomaly

230, 232, 242

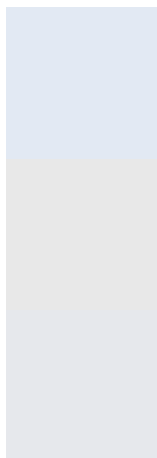
Deuteranomaly

241, 228, 244

Tritanomaly

227, 232, 247

Monochromacy



Original Color

226, 233, 243

Achromatopsia

232, 232, 232

Achromatomaly

230, 232, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 226, 233, 243 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, 233, 243) looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 243)  
}
```

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, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 243) }
```

Border

The CSS property to change the border of an element to RGB 226, 233, 243 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, 233, 243) }
```

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

```
.border{ border-color:rgb(226, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 226, 233, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 243) }
```

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

```
.background{ background-color: rgb(226,  
233, 243) }
```

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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