

Converting Colors

RGB(222, 227, 231)

Have a look what the booklet for
RGB(222, 227, 231) contains.

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Color

RGB(222, 227, 231)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3E7
RGB	222, 227, 231
RGB Percent	87%, 89%, 91%
CMY	0.1294, 0.1098, 0.0941
CMYK	0.04, 0.02, 0.00, 0.09
HSL	207°, 16%, 89%
HSV	207°, 4%, 91%
XYZ	72.0171, 76.2373, 86.5209
YIQ	225.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

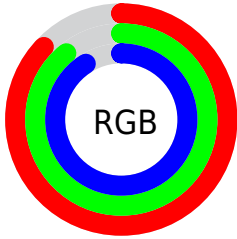
Format	Color
R_{YB}	222, 225, 231
Decimal	14607335
CIE _{Lab}	89.97, -0.94, -2.54
CIE _{LCh}	90, 2.707, 249.793
Yxy	76.2373, 0.3067, 0.3247
Android (android.graphics.Color)	4292797415 (0xFFDEE3E7)
YUV	225.9610, 2.4842, -3.4738
Hunter-Lab	87.3140, -5.5716, 2.3683

Details

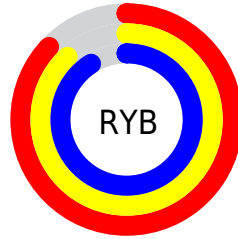
The RGB color **222, 227, 231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **231, 226, 222**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **167, 172, 175** is the 20% darker color. If you saturate the color by 10%, you get **199, 217, 231**, and if you desaturate by 10%, it is **245, 237, 231**.

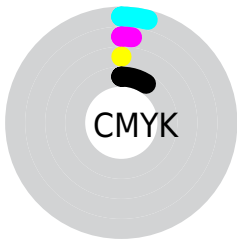
Distribution



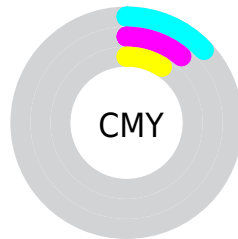
- Red (87%)
- Green (89%)
- Blue (91%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 227, 231 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 222, 227, 231 by changing the saturation by 10% instead.

■ 222, 227, 231

255, 255, 255

■ 222, 227, 231

■ 194, 199, 203

■ 167, 172, 175

■ 141, 145, 149

■ 115, 120, 123

■ 90, 95, 98

■ 67, 71, 74

■ 45, 49, 52

■ 24, 28, 31

■ 0, 0, 6

■ 222, 227, 231

■ 222, 227, 231

■ 199, 217, 231

■ 245, 237, 231

■ 176, 206, 231

■ 255, 248, 231

■ 153, 196, 231

■ 255, 255, 231

■ 130, 186, 231

■ 107, 176, 231

■ 83, 165, 231

■ 60, 155, 231

■ 37, 145, 231

■ 14, 135, 231

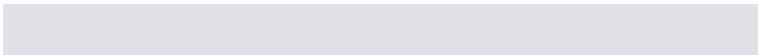
Harmonies

Analogous

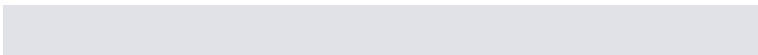
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 228, 229



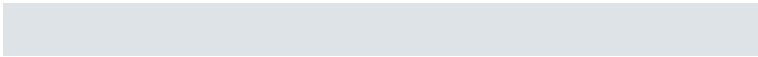
222, 227, 231



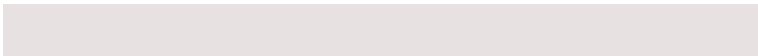
225, 226, 231

Triad

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



222, 227, 231



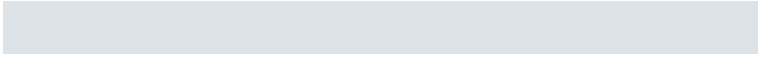
232, 225, 225



225, 227, 222

Complementary

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



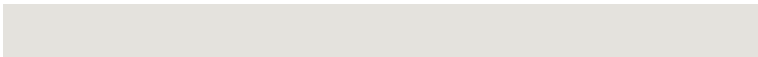
222, 227, 231



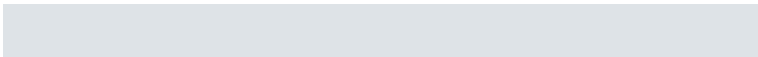
231, 226, 222

Split Complementary

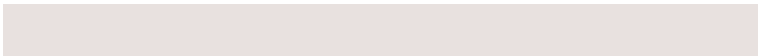
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 226, 221



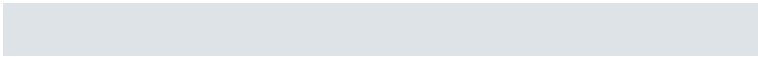
222, 227, 231



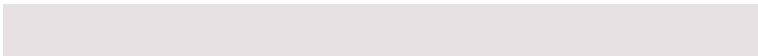
232, 225, 223

Square

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



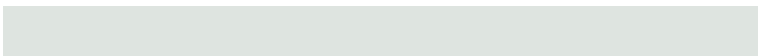
222, 227, 231



231, 225, 228



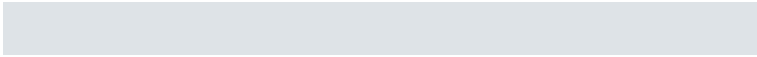
230, 225, 221



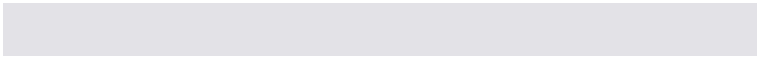
222, 228, 224

Rectangle

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



222, 227, 231



227, 226, 231



230, 225, 221



226, 227, 222

Sweetspot

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



222, 227, 231



252, 254, 255



222, 231, 226



126, 127, 128



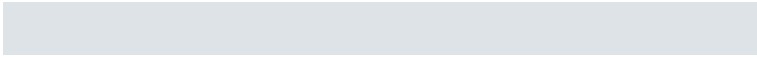
0, 0, 0



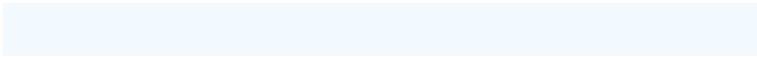
128, 128, 128

Same Dimension

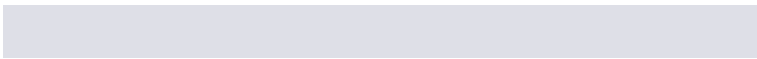
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 227, 231



242, 249, 255



222, 223, 231



108, 112, 115



0, 99, 179



0, 28, 51

Inverse Universe

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



231, 222, 227



255, 242, 249



231, 230, 222



115, 108, 112



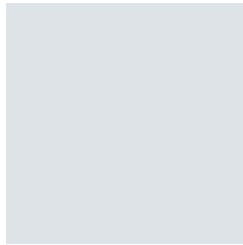
179, 0, 99



51, 0, 28

Previews

White Background



This preview shows how the RGB color 222, 227, 231 looks on a white background.

Color Contrast Check

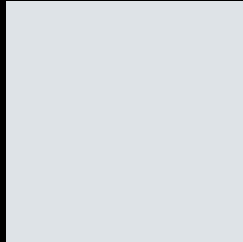
Large Text (above 18pt) WCAG AA × Fail

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 222, 227, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

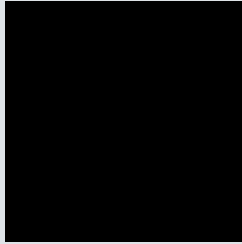
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

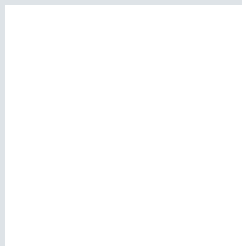
Any Text WCAG AAA ✓ Pass

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

RGB 222, 227, 231 Background



This preview shows how black text looks on a background with the RGB color 222, 227, 231.

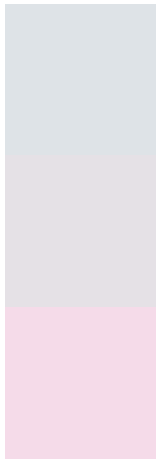


This preview shows how white text looks on a background with the RGB color 222, 227, 231.

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
222, 227, 231

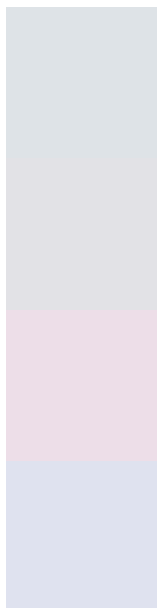
Protanopia
229, 225, 230

Deuteranopia
245, 219, 233



Tritanopia
224, 225, 243

Trichromacy



Original Color

222, 227, 231

Protanomaly

226, 226, 230

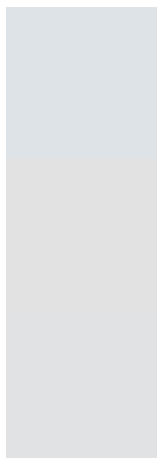
Deuteranomaly

237, 222, 232

Tritanomaly

223, 226, 239

Monochromacy



Original Color

222, 227, 231

Achromatopsia

226, 226, 226

Achromatomaly

225, 226, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 227, 231 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(222, 227, 231) looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 231)  
}
```

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(222, 227, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 231) }
```

Border

The CSS property to change the border of an element to RGB 222, 227, 231 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(222, 227, 231) }
```

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

```
.border{ border-color:rgb(222, 227, 231) }
```

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

Here you see how a box with a 4 pixel rgb(222, 227, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 222, 227, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 231) }
```

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

```
.background{ background-color: rgb(222,  
227, 231) }
```

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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