

Converting Colors

RGB(222, 227, 230)

Have a look what the booklet for
RGB(222, 227, 230) contains.

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Color

RGB(222, 227, 230)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3E6
RGB	222, 227, 230
RGB Percent	87%, 89%, 90%
CMY	0.1294, 0.1098, 0.0980
CMYK	0.03, 0.01, 0.00, 0.10
HSL	203°, 14%, 89%
HSV	203°, 3%, 90%
XYZ	71.8762, 76.1809, 85.7790
YIQ	225.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

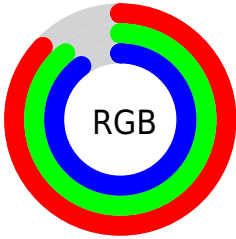
Format	Color
R _Y B	222, 225, 230
Decimal	14607334
CIE Lab	89.94, -1.12, -2.05
CIE LCh	90, 2.340, 241.406
Yxy	76.1809, 0.3074, 0.3258
Android (android.graphics.Color)	4292797414 (0xFFDEE3E6)
YUV	225.8470, 2.0474, -3.3738
Hunter-Lab	87.2817, -5.7487, 2.8279

Details

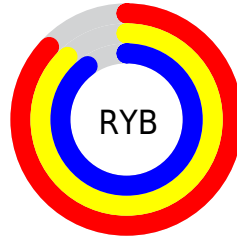
The RGB color **222, 227, 230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **230, 225, 222**, and the grayscale version is **226, 226, 226**.

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, 218, 230**, and if you desaturate by 10%, it is **245, 236, 230**.

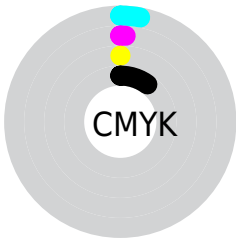
Distribution



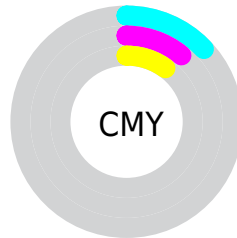
- Red (87%)
- Green (89%)
- Blue (90%)



- Red (87%)
- Yellow (88%)
- Blue (90%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 227, 230 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, 230 by changing the saturation by 10% instead.

■ 222, 227, 230

255, 255, 255

■ 222, 227, 230

■ 194, 199, 202

■ 167, 172, 175

■ 141, 145, 148

■ 115, 120, 122

■ 90, 95, 97

■ 67, 71, 74

■ 45, 49, 51

■ 24, 28, 30

■ 0, 0, 5

■ 222, 227, 230

■ 222, 227, 230

■ 199, 218, 230

■ 245, 236, 230

■ 176, 210, 230

■ 255, 244, 230

■ 153, 201, 230

■ 255, 253, 230

■ 130, 192, 230

■ 255, 255, 230

■ 107, 184, 230

■ 84, 175, 230

■ 61, 167, 230

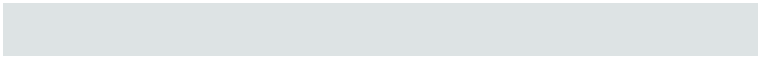
■ 38, 158, 230

■ 15, 149, 230

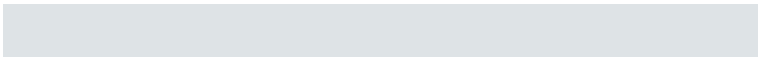
Harmonies

Analogous

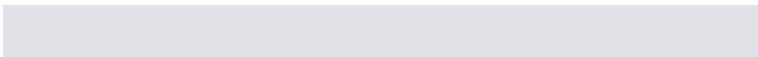
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



221, 227, 228



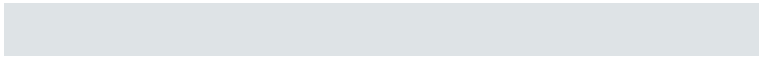
222, 227, 230



224, 226, 231

Triad

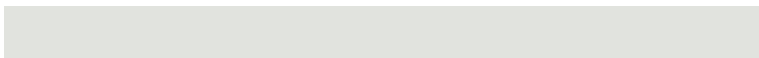
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222, 227, 230



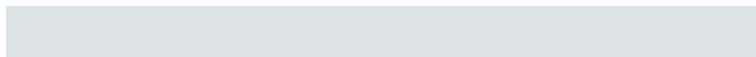
231, 225, 226



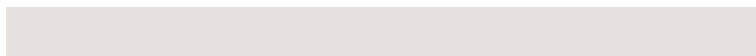
225, 227, 222

Complementary

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



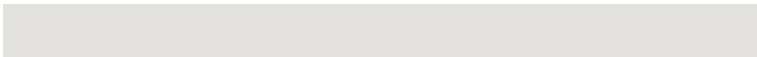
222, 227, 230



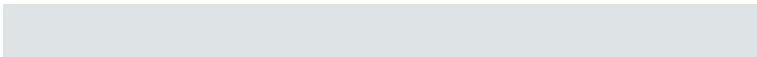
230, 225, 222

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, 222



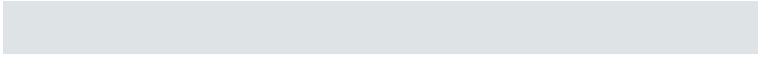
222, 227, 230



231, 225, 224

Square

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



222, 227, 230



229, 225, 228



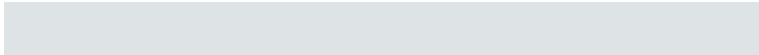
230, 225, 222



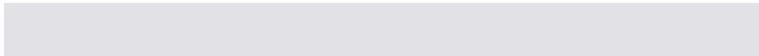
223, 227, 224

Rectangle

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



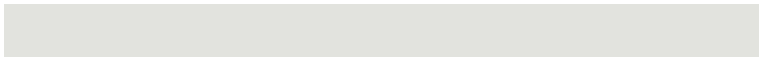
222, 227, 230



226, 226, 230



230, 225, 222



226, 227, 222

Sweetspot

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



222, 227, 230



252, 254, 255



222, 230, 225



126, 127, 128



0, 0, 0



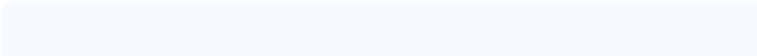
128, 128, 128

Same Dimension

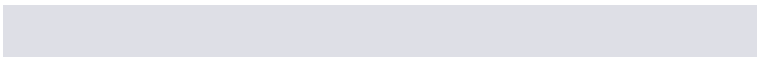
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222, 227, 230



245, 251, 255



222, 223, 230



109, 113, 115



0, 112, 179



0, 32, 51

Inverse Universe

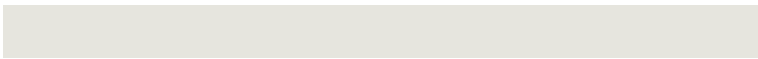
The Inverse Universe completely reimagines the original color for something new.



230, 222, 227



255, 245, 251



230, 229, 222



115, 109, 113



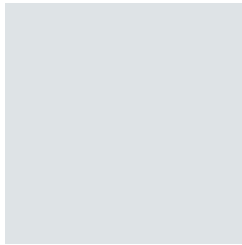
179, 0, 112



51, 0, 32

Previews

White Background



This preview shows how the RGB color 222, 227, 230 looks on a white background.

Color Contrast Check

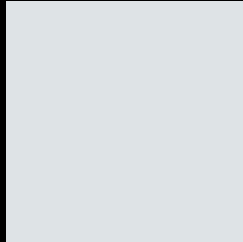
Large Text (above 18pt) WCAG AA × Fail

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, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

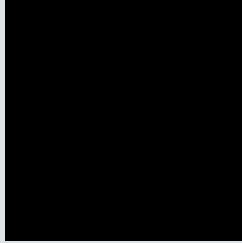
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

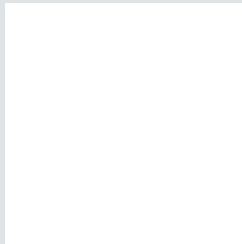
Any Text WCAG AAA ✓ Pass

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

RGB 222, 227, 230 Background



This preview shows how black text looks on a background with the RGB color 222, 227, 230.

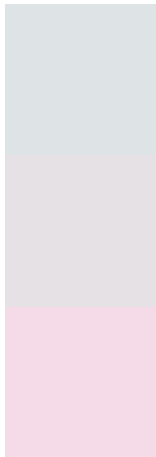


This preview shows how white text looks on a background with the RGB color 222, 227, 230.

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, 230

Protanopia
229, 225, 229

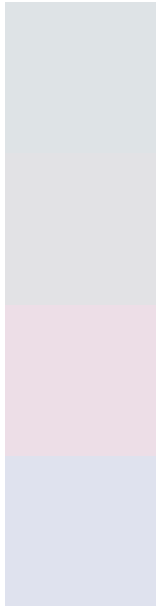
Deuteranopia
245, 219, 232



Tritanopia

224, 225, 243

Trichromacy



Original Color

222, 227, 230

Protanomaly

226, 226, 229

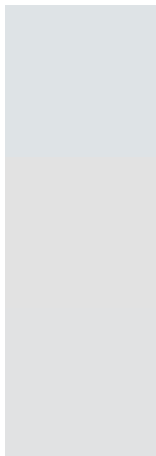
Deuteranomaly

237, 222, 231

Tritanomaly

223, 226, 238

Monochromacy



Original Color

222, 227, 230

Achromatopsia

226, 226, 226

Achromatomaly

225, 226, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 227, 230 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, 230) looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 230) }
```

Border

The CSS property to change the border of an element to RGB 222, 227, 230 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, 230) }
```

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

```
.border{ border-color:rgb(222, 227, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 227,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 222, 227, 230 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, 230) }
```

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

```
.background{ background-color: rgb(222,  
227, 230) }
```

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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