

# Converting Colors

RGB(223, 231, 232)

Have a look what the booklet for  
RGB(223, 231, 232) contains.

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# Color

**RGB(223, 231, 232)**

# Conversions

Conversions Part 1	
Format	Color
Hex	DFE7E8
RGB	223, 231, 232
RGB Percent	87%, 91%, 91%
CMY	0.1255, 0.0941, 0.0902
CMYK	0.04, 0.00, 0.00, 0.09
HSL	187°, 16%, 89%
HSV	187°, 4%, 91%
XYZ	73.5728, 78.6660, 87.6503
YIQ	228.7220, -5.0890, -1.3850

# Conversions

## Conversions Part 2

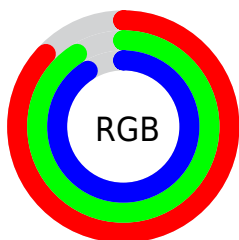
Format	Color
<a href="#">RYB</a>	<a href="#">223, 227, 232</a>
Decimal	<a href="#">14673896</a>
CIELab	<a href="#">91.08, -2.48, -1.42</a>
CIELCh	<a href="#">91, 2.856, 209.893</a>
Yxy	<a href="#">78.6660, 0.3067, 0.3279</a>
Android (android.graphics.Color)	<a href="#">4292863976</a> (0xFFDFE7E8)
YUV	<a href="#">228.7220, 1.6161, -5.0182</a>
Hunter-Lab	<a href="#">88.6939, -7.1459, 3.4933</a>

# Details

The RGB color **223, 231, 232** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **232, 224, 223**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 175, 176** is the 20% darker color. If you saturate the color by 10%, you get **200, 228, 232**, and if you desaturate by 10%, it is **246, 234, 232**.

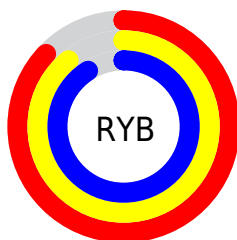
# Distribution



Red (87%)

Green (91%)

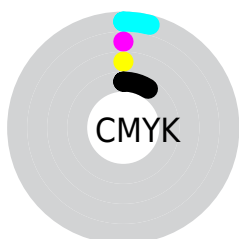
Blue (91%)



Red (87%)

Yellow (89%)

Blue (91%)

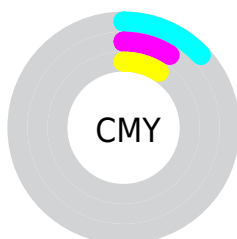


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 223, 231, 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 223, 231, 232 by changing the saturation by 10% instead.




 223, 231, 232

 223, 231, 232


255, 255, 255


 195, 203, 204

 168, 175, 176

 141, 149, 150

 116, 123, 124

 91, 98, 99

 68, 74, 75

 46, 52, 53

 25, 31, 31

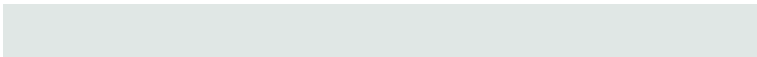
 0, 6, 7

 223, 231, 232 223, 231, 232 200, 228, 232 246, 234, 232 177, 226, 232 255, 236, 232 153, 223, 232 255, 239, 232 130, 221, 232 255, 241, 232 107, 218, 232 255, 244, 232 84, 216, 232 255, 246, 232 61, 213, 232 255, 249, 232 37, 210, 232 255, 252, 232 14, 208, 232 255, 254, 232

# Harmonies

## Analogous

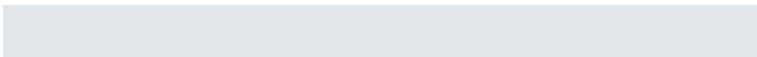
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224, 231, 229



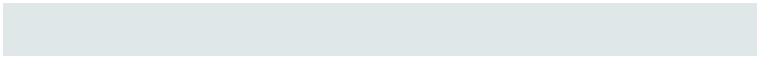
223, 231, 232



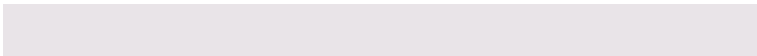
224, 230, 234

# Triad

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



223, 231, 232



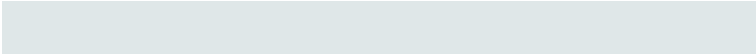
233, 228, 232



232, 229, 224

# Complementary

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



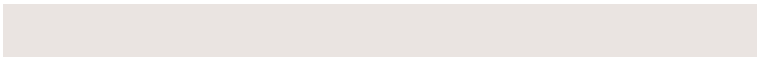
223, 231, 232



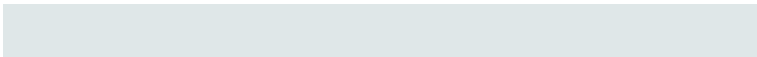
232, 224, 223

# Split Complementary

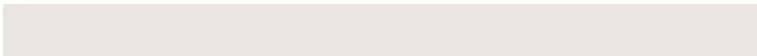
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 228, 225



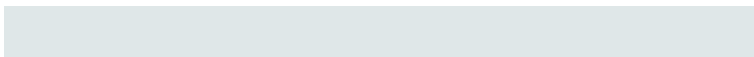
223, 231, 232



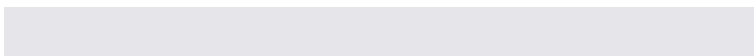
235, 228, 229

# Square

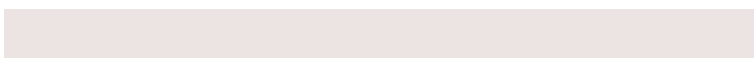
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



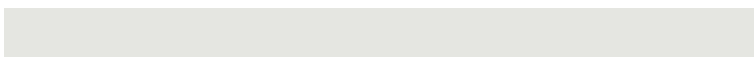
223, 231, 232



230, 229, 234



236, 228, 227



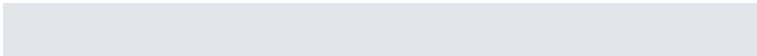
229, 230, 225

# Rectangle

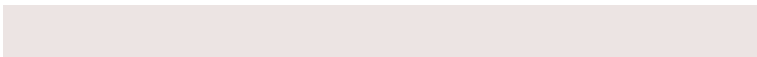
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 231, 232



226, 230, 235



236, 228, 227



233, 229, 224



# Sweetspot

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



223, 231, 232



252, 255, 255



223, 232, 224



126, 127, 128



0, 0, 0

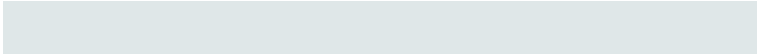


128, 128, 128

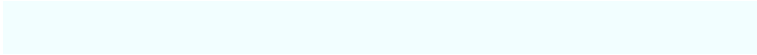


# Same Dimension

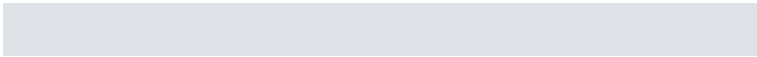
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223, 231, 232



242, 254, 255



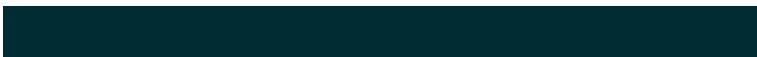
223, 227, 232



108, 114, 115



0, 159, 179



0, 45, 51



# Inverse Universe

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



232, 223, 231



255, 242, 254



232, 228, 223



115, 108, 114



179, 0, 159

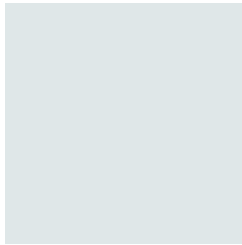


51, 0, 45



# Previews

## White Background



This preview shows how the RGB color 223, 231, 232 looks on a white background.

## Color Contrast Check

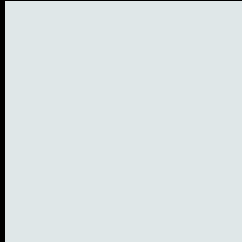
Large Text (above 18pt) WCAG AA × Fail

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 223, 231, 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

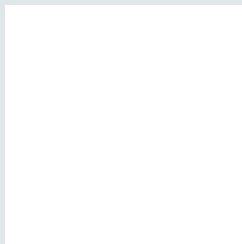
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 223, 231, 232 Background



This preview shows how black text looks on a background with the RGB color 223, 231, 232.

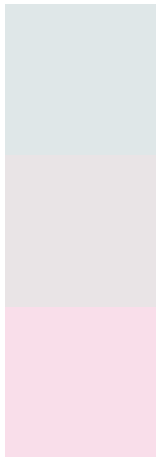


This preview shows how white text looks on a background with the RGB color 223, 231, 232.

# 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**  
223, 231, 232

**Protanopia**  
233, 228, 230

**Deuteranopia**  
249, 222, 234



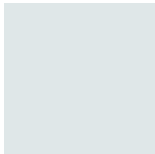
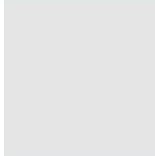
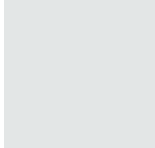
## **Tritanopia**

225, 229, 247

# Trichromacy

	<b>Original Color</b> 223, 231, 232
	<b>Protanomaly</b> 229, 229, 231
	<b>Deuteranomaly</b> 240, 225, 233
	<b>Tritanomaly</b> 224, 230, 242

# Monochromacy

	<b>Original Color</b> 223, 231, 232
	<b>Achromatopsia</b> 229, 229, 229
	<b>Achromatomaly</b> 227, 230, 230

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 223, 231, 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(223, 231, 232) looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 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(223, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 232) }
```

## Border

The CSS property to change the border of an element to RGB 223, 231, 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(223, 231, 232) }
```

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

```
.border{ border-color:rgb(223, 231, 232) }
```

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

Here you see how a box with a 4 pixel rgb(223, 231, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
232) }
```

# Background

The CSS property to change the background color of an element to RGB 223, 231, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 232) }
```

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

```
.background{ background-color: rgb(223,  
231, 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](#).



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