

# Converting Colors

RGB(224, 231, 243)

Have a look what the booklet for  
RGB(224, 231, 243) contains.

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# Color

**RGB(224, 231, 243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0E7F3
RGB	224, 231, 243
RGB Percent	88%, 91%, 95%
CMY	0.1216, 0.0941, 0.0471
CMYK	0.08, 0.05, 0.00, 0.05
HSL	218°, 44%, 92%
HSV	218°, 8%, 95%
XYZ	75.4940, 79.4702, 96.1543
YIQ	230.2750, -8.0240, 2.2480

# Conversions

## Conversions Part 2

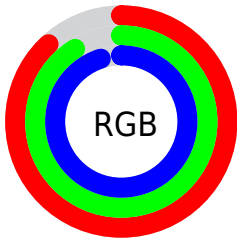
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 229, 243
Decimal	14739443
CIE Lab	91.45, -0.08, -6.63
CIE LCh	91, 6.629, 269.294
Yxy	79.4702, 0.3006, 0.3165
Android (android.graphics.Color)	4292929523 (0xFFE0E7F3)
YUV	230.2750, 6.2734, -5.5032
Hunter-Lab	89.1461, -4.8414, -1.5489

# Details

The RGB color **224, 231, 243** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **243, 236, 224**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **169, 175, 187** is the 20% darker color. If you saturate the color by 10%, you get **200, 216, 243**, and if you desaturate by 10%, it is **248, 246, 243**.

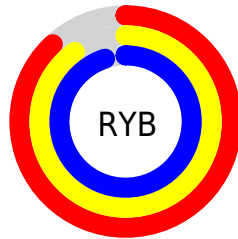
# Distribution



Red (88%)

Green (91%)

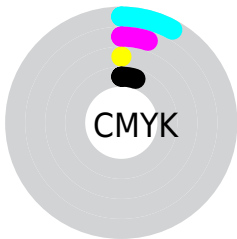
Blue (95%)



Red (88%)

Yellow (90%)

Blue (95%)

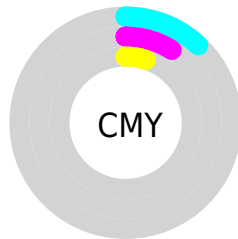


Cyan (8%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (12%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 224, 231, 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 224, 231, 243 by changing the saturation by 10% instead.



■ 224, 231, 243

255, 255, 255

■ 224, 231, 243

■ 196, 203, 215

■ 169, 175, 187

■ 142, 149, 160

■ 117, 123, 134

■ 92, 98, 108

■ 68, 74, 84

■ 46, 52, 61

■ 25, 31, 39

■ 0, 6, 19

 224, 231, 243


 224, 231, 243


 200, 216, 243


 248, 246, 243


 175, 200, 243


 255, 255, 243


 151, 185, 243

 127, 170, 243

 102, 154, 243

 78, 139, 243

 54, 124, 243

 30, 108, 243

 5, 93, 243

# Harmonies

## Analogous

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



218, 233, 241



224, 231, 243



232, 229, 242

# Triad

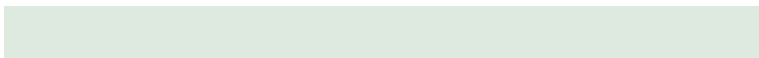
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224, 231, 243



245, 227, 224



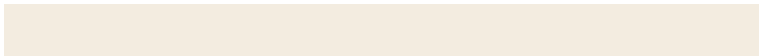
222, 234, 224

# Complementary

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



224, 231, 243



243, 236, 224

# 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.



229, 232, 219



224, 231, 243



242, 228, 220

# Square

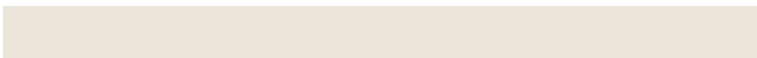
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224, 231, 243



244, 226, 231



236, 230, 218



217, 234, 230

# Rectangle

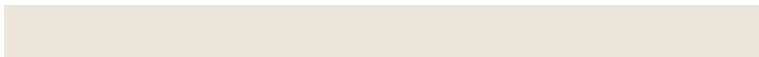
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



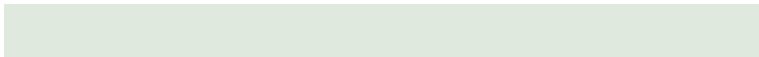
224, 231, 243



237, 228, 239



236, 230, 218



224, 233, 222

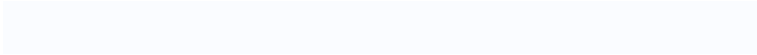


# Sweetspot

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



224, 231, 243



250, 252, 255



224, 243, 236



125, 126, 128



0, 0, 0



128, 128, 128

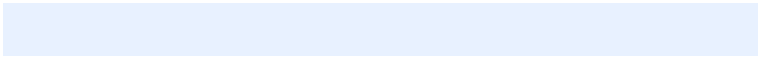


# Same Dimension

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



224, 231, 243



232, 241, 255



226, 224, 243



110, 115, 122



0, 69, 186



0, 22, 59



# Inverse Universe

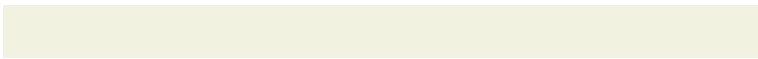
The Inverse Universe completely reimagines the original color for something new.



243, 224, 231



255, 232, 241



241, 243, 224



122, 110, 115



186, 0, 69

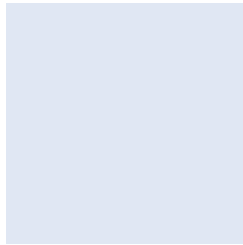


59, 0, 22



# Previews

## White Background



This preview shows how the RGB color 224, 231, 243 looks on a white background.

## Color Contrast Check

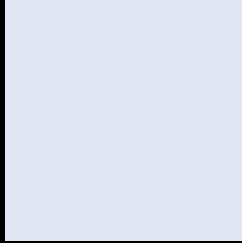
Large Text (above 18pt) WCAG AA × Fail

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 224, 231, 243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

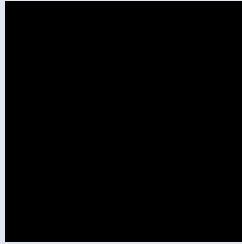
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

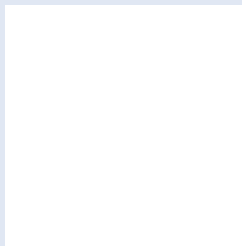
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 224, 231, 243 Background



This preview shows how black text looks on a background with the RGB color 224, 231, 243.



This preview shows how white text looks on a background with the RGB color 224, 231, 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

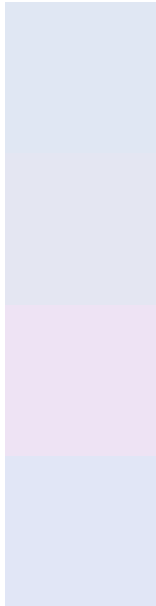




# Tritanopia

225, 230, 248

# Trichromacy



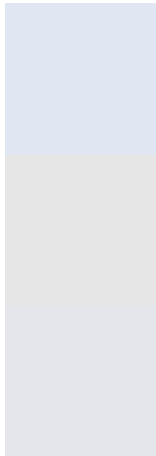
**Original Color**  
224, 231, 243

**Protanomaly**  
228, 230, 242

**Deuteranomaly**  
238, 227, 244

**Tritanomaly**  
225, 230, 246

# Monochromacy



**Original Color**  
224, 231, 243

**Achromatopsia**  
230, 230, 230

**Achromatomaly**  
228, 230, 235

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 224, 231, 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(224, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(224, 231, 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(224, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 231, 243) }
```

## Border

The CSS property to change the border of an element to RGB 224, 231, 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(224, 231, 243) }
```

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

```
.border{ border-color:rgb(224, 231, 243) }
```

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

Here you see how a box with a 4 pixel rgb(224, 231, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(224, 231,  
243) }
```

# Background

The CSS property to change the background color of an element to RGB 224, 231, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 231, 243) }
```

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

```
.background{ background-color: rgb(224,  
231, 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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