

Converting Colors

RGB(225, 231, 245)

Have a look what the booklet for
RGB(225, 231, 245) contains.

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Color

RGB(225, 231, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E1E7F5
RGB	225, 231, 245
RGB Percent	88%, 91%, 96%
CMY	0.1176, 0.0941, 0.0392
CMYK	0.08, 0.06, 0.00, 0.04
HSL	222°, 50%, 92%
HSV	222°, 8%, 96%
XYZ	76.1087, 79.7520, 97.7685
YIQ	230.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

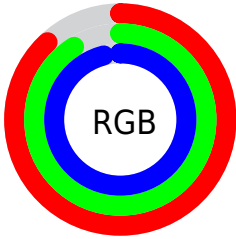
Format	Color
R_{YB}	225, 230, 245
Decimal	14804981
CIE Lab	91.57, 0.62, -7.48
CIE LCh	92, 7.504, 274.776
Yxy	79.7520, 0.3001, 0.3144
Android (android.graphics.Color)	4292995061 (0xFFE1E7F5)
YUV	230.8020, 6.9996, -5.0884
Hunter-Lab	89.3039, -4.1565, -2.3970

Details

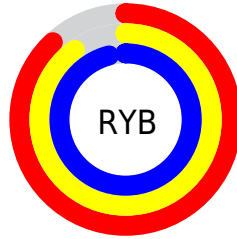
The RGB color **225, 231, 245** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **245, 239, 225**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 175, 189** is the 20% darker color. If you saturate the color by 10%, you get **201, 214, 245**, and if you desaturate by 10%, it is 250, 248, 245.

Distribution



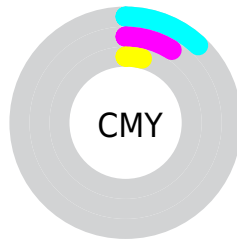
- Red (88%)
- Green (91%)
- Blue (96%)



- Red (88%)
- Yellow (90%)
- Blue (96%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 225, 231, 245 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 225, 231, 245 by changing the saturation by 10% instead.

■ 225, 231, 245

255, 255, 255

■ 225, 231, 245

■ 197, 203, 217

■ 170, 175, 189

■ 143, 149, 162

■ 118, 123, 136

■ 93, 98, 110

■ 69, 74, 86


■ 47, 52, 63

■ 26, 31, 41

■ 0, 6, 21

 225, 231, 245


 225, 231, 245


 201, 214, 245


 250, 248, 245


 176, 197, 245


 255, 255, 245

 151, 180, 245

 127, 162, 245

 102, 145, 245

 78, 128, 245

 53, 111, 245

 29, 94, 245

 5, 77, 245

Harmonies

Analogous

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



218, 233, 244



225, 231, 245



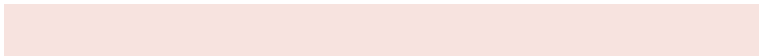
234, 229, 243

Triad

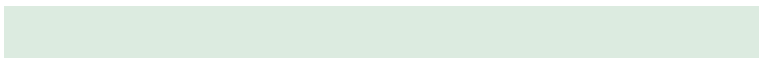
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225, 231, 245



247, 227, 223



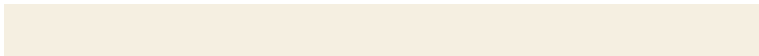
220, 235, 224

Complementary

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



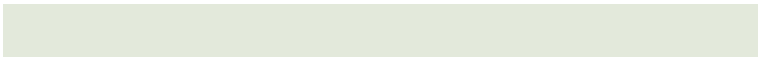
225, 231, 245



245, 239, 225

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.



227, 233, 219



225, 231, 245



243, 228, 218

Square

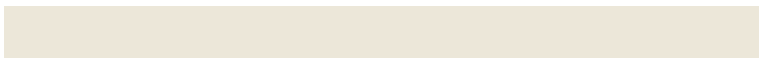
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 231, 245



246, 226, 230



236, 231, 217



215, 235, 232

Rectangle

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



225, 231, 245



239, 227, 239



236, 231, 217



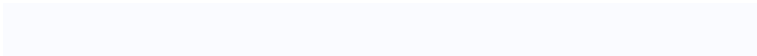
222, 234, 222

Sweetspot

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



225, 231, 245



250, 251, 255



225, 245, 239



125, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



225, 231, 245



230, 237, 255



229, 225, 245



110, 114, 122



0, 56, 186



0, 18, 59

Inverse Universe

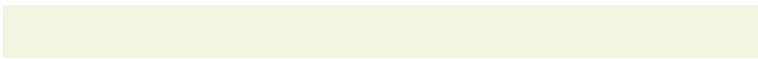
The Inverse Universe completely reimagines the original color for something new.



245, 225, 231



255, 230, 237



241, 245, 225



122, 110, 114



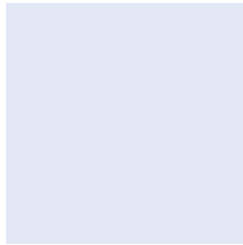
186, 0, 56



59, 0, 18

Previews

White Background



This preview shows how the RGB color 225, 231, 245 looks on a white background.

Color Contrast Check

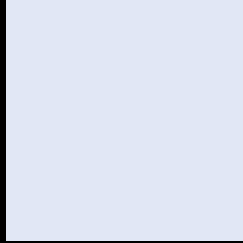
Large Text (above 18pt) WCAG AA × Fail

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 225, 231, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

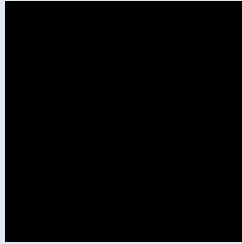
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

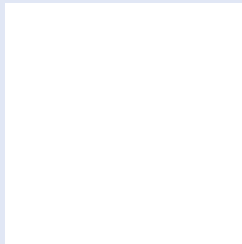
Any Text WCAG AAA ✓ Pass

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

RGB 225, 231, 245 Background



This preview shows how black text looks on a background with the RGB color 225, 231, 245.



This preview shows how white text looks on a background with the RGB color 225, 231, 245.

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](#).

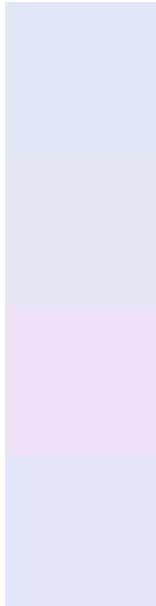
Dichromacy





Tritanopia
226, 230, 249

Trichromacy



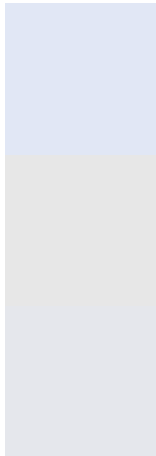
Original Color
225, 231, 245

Protanomaly
229, 230, 244

Deuteranomaly
238, 227, 246

Tritanomaly
226, 230, 248

Monochromacy



Original Color
225, 231, 245

Achromatopsia
231, 231, 231

Achromatomaly
229, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 225, 231, 245 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(225, 231, 245)` looks like.

```
.text, #text, p{  
    color:rgb(225, 231, 245)  
}
```

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(225, 231, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 231, 245) }
```

Border

The CSS property to change the border of an element to RGB 225, 231, 245 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(225, 231, 245) }
```

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

```
.border{ border-color:rgb(225, 231, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 231, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 231, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 231, 245);  
box-shadow:4px 4px 4px 4px rgb(225, 231,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 225, 231, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 231, 245) }
```

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

```
.background{ background-color: rgb(225,  
231, 245) }
```

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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