

Converting Colors

RGB(228, 230, 248)

Have a look what the booklet for
RGB(228, 230, 248) contains.

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Color

RGB(228, 230, 248)

Conversions

Conversions Part 1

Format	Color
Hex	E4E6F8
RGB	228, 230, 248
RGB Percent	89%, 90%, 97%
CMY	0.1059, 0.0980, 0.0275
CMYK	0.08, 0.07, 0.00, 0.03
HSL	234°, 59%, 93%
HSV	234°, 8%, 97%
XYZ	77.2350, 79.8649, 100.1517
YIQ	231.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

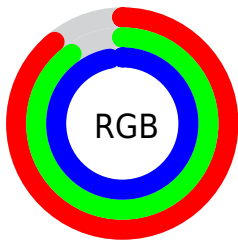
Format	Color
R _Y B	228, 230, 248
Decimal	15001336
CIE Lab	91.62, 2.69, -8.95
CIE LCh	92, 9.340, 286.708
Yxy	79.8649, 0.3002, 0.3105
Android (android.graphics.Color)	4293191416 (0xFFE4E6F8)
YUV	231.4540, 8.1572, -3.0292
Hunter-Lab	89.3672, -2.1251, -3.8879

Details

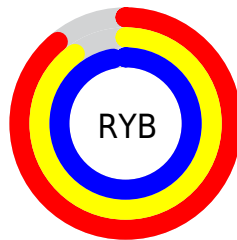
The RGB color **228, 230, 248** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **248, 246, 228**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 175, 192** is the 20% darker color. If you saturate the color by 10%, you get **203, 208, 248**, and if you desaturate by 10%, it is 253, 252, 248.

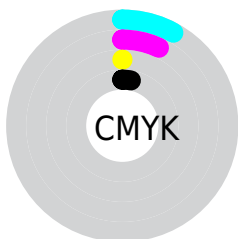
Distribution



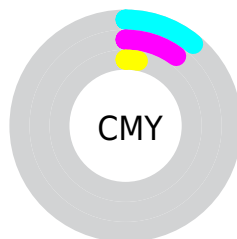
- Red (89%)
- Green (90%)
- Blue (97%)



- Red (89%)
- Yellow (90%)
- Blue (97%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 228, 230, 248 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 228, 230, 248 by changing the saturation by 10% instead.

■ 228, 230, 248

255, 255, 255

■ 228, 230, 248

■ 200, 202, 219

■ 173, 175, 192

■ 146, 148, 165

■ 120, 122, 138

■ 95, 97, 113

■ 72, 74, 88

■ 49, 51, 65

■ 28, 30, 43

■ 3, 5, 23

■ 228, 230, 248

■ 228, 230, 248

■ 203, 208, 248

■ 253, 252, 248

■ 178, 185, 248

■ 255, 255, 248

■ 154, 163, 248

■ 129, 141, 248

■ 104, 118, 248

■ 79, 96, 248

■ 54, 74, 248

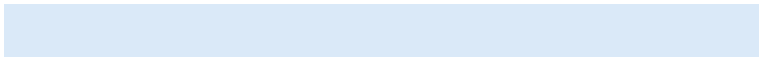
■ 30, 51, 248

■ 5, 29, 248

Harmonies

Analogous

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



218, 233, 248



228, 230, 248



239, 227, 243

Triad

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



228, 230, 248



249, 226, 218



214, 236, 227

Complementary

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



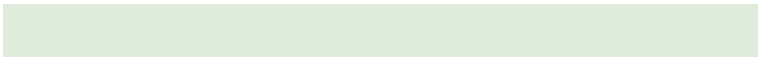
228, 230, 248



248, 246, 228

Split Complementary

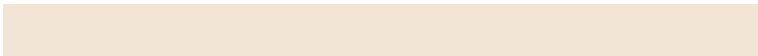
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223, 235, 219



228, 230, 248



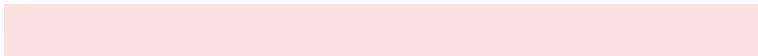
243, 229, 214

Square

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



228, 230, 248



251, 225, 226



233, 232, 214



209, 236, 236

Rectangle

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



228, 230, 248



245, 226, 238



233, 232, 214



216, 236, 224

Sweetspot

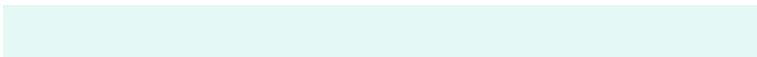
The Sweet Spot groups the original color and five complimentary colors.



228, 230, 248



250, 250, 255



228, 248, 246



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



228, 230, 248



230, 232, 255



236, 228, 248



112, 114, 125



0, 19, 189



0, 6, 61

Inverse Universe

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



248, 228, 230



255, 230, 232



240, 248, 228



125, 112, 114



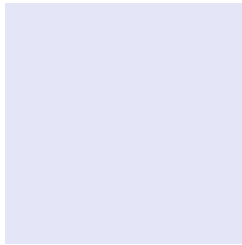
189, 0, 19



61, 0, 6

Previews

White Background



This preview shows how the RGB color 228, 230, 248 looks on a white background.

Color Contrast Check

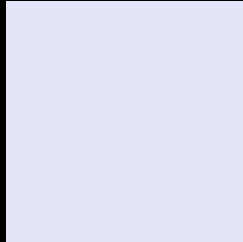
Large Text (above 18pt) WCAG AA × Fail

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 228, 230, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

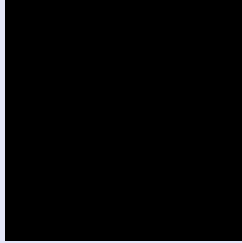
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

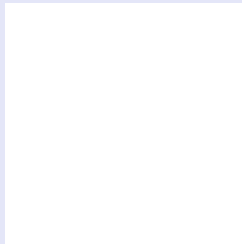
Any Text WCAG AAA ✓ Pass

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

RGB 228, 230, 248 Background



This preview shows how black text looks on a background with the RGB color 228, 230, 248.



This preview shows how white text looks on a background with the RGB color 228, 230, 248.

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
228, 230, 248

Protanopia
230, 229, 248

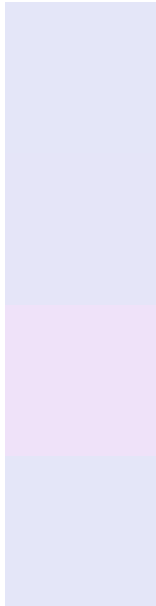
Deuteranopia
245, 224, 249



Tritanopia

228, 230, 248

Trichromacy



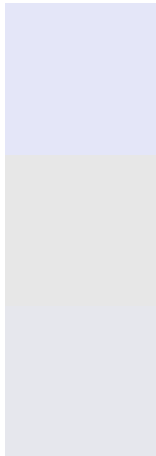
Original Color
228, 230, 248

Protanomaly
229, 229, 248

Deuteranomaly
239, 226, 249

Tritanomaly
228, 230, 248

Monochromacy



Original Color
228, 230, 248

Achromatopsia
231, 231, 231

Achromatomaly
230, 231, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 228, 230, 248 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(228, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(228, 230, 248)  
}
```

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(228, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 230, 248) }
```

Border

The CSS property to change the border of an element to RGB 228, 230, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

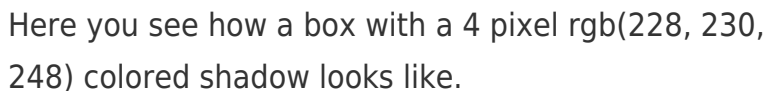
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 230, 248) }
```

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

```
.border{ border-color:rgb(228, 230, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 230, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 230, 248); box-shadow:4px 4px 4px 4px rgb(228, 230, 248) }
```

Background

The CSS property to change the background color of an element to RGB 228, 230, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 230, 248) }
```

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

```
.background{ background-color: rgb(228,  
230, 248) }
```

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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