

Converting Colors

RGB(230, 242, 249)

Have a look what the booklet for
RGB(230, 242, 249) contains.

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Color

RGB(230, 242, 249)

Conversions

Conversions Part 1

Format	Color
Hex	E6F2F9
RGB	230, 242, 249
RGB Percent	90%, 95%, 98%
CMY	0.0980, 0.0510, 0.0235
CMYK	0.08, 0.03, 0.00, 0.02
HSL	202°, 61%, 94%
HSV	202°, 8%, 98%
XYZ	81.4841, 87.1668, 102.1527
YIQ	239.2100, -9.3990, -0.3670

Conversions

Conversions Part 2

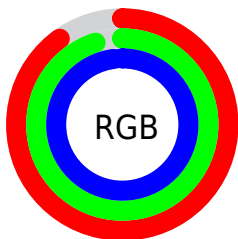
Format	Color
R _Y B	230, 237, 249
Decimal	15135481
CIE Lab	94.81, -2.64, -4.74
CIE LCh	95, 5.426, 240.907
Yxy	87.1668, 0.3009, 0.3219
Android (android.graphics.Color)	4293325561 (0xFFE6F2F9)
YUV	239.2100, 4.8265, -8.0772
Hunter-Lab	93.3632, -7.5969, 0.4824

Details

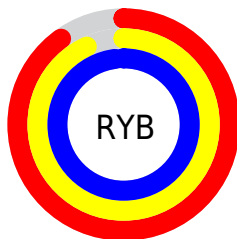
The RGB color **230, 242, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 237, 230**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 186, 193** is the 20% darker color. If you saturate the color by 10%, you get **205, 233, 249**, and if you desaturate by 10%, it is 255, 251, 249.

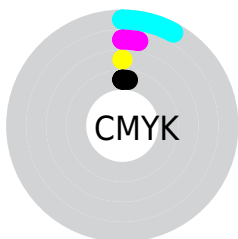
Distribution



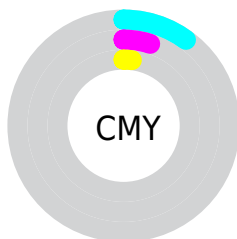
- Red (90%)
- Green (95%)
- Blue (98%)



- Red (90%)
- Yellow (93%)
- Blue (98%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (10%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 242, 249 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 230, 242, 249 by changing the saturation by 10% instead.

■ 230, 242, 249

255, 255, 255

■ 230, 242, 249

■ 202, 214, 220

■ 174, 186, 193

■ 148, 159, 165

■ 122, 133, 139

■ 97, 108, 114

■ 73, 83, 89

■ 50, 60, 66

■ 29, 39, 44

■ 5, 18, 23

 230, 242, 249

 230, 242, 249

 205, 233, 249


 255, 251, 249


 180, 224, 249


 255, 255, 249


 155, 214, 249

 130, 205, 249

 106, 196, 249

 81, 187, 249

 56, 178, 249

 31, 169, 249

 6, 159, 249

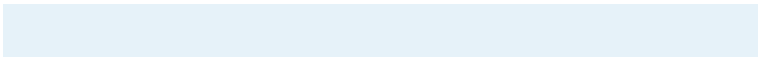
Harmonies

Analogous

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



228, 243, 245



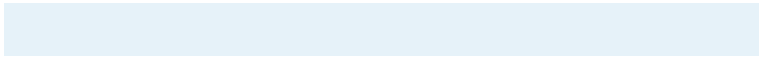
230, 242, 249



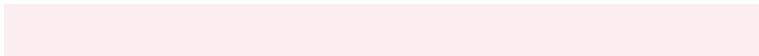
235, 240, 250

Triad

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



230, 242, 249



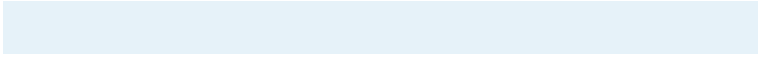
251, 237, 240



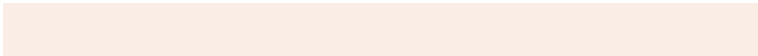
238, 241, 231

Complementary

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



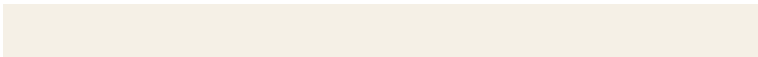
230, 242, 249



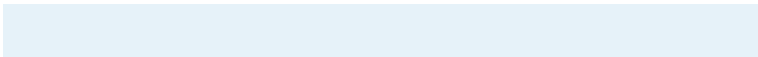
249, 237, 230

Split Complementary

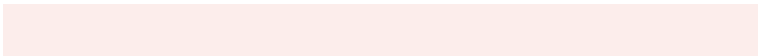
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 240, 230



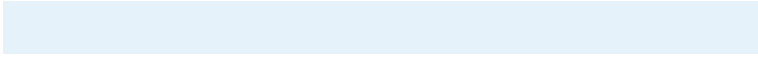
230, 242, 249



252, 237, 235

Square

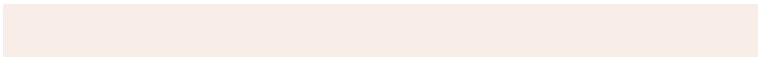
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230, 242, 249



247, 237, 245



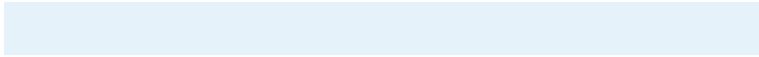
249, 238, 231



233, 243, 235

Rectangle

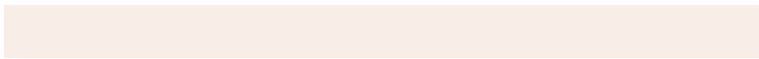
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230, 242, 249



239, 239, 250



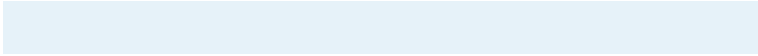
249, 238, 231



241, 241, 230

Sweetspot

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



230, 242, 249



250, 253, 255



230, 249, 237



125, 127, 128



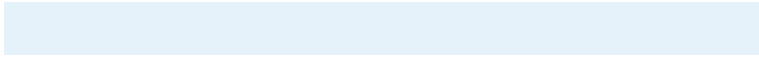
0, 0, 0



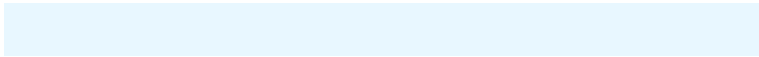
128, 128, 128

Same Dimension

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



230, 242, 249



232, 247, 255



230, 233, 249



112, 120, 125



0, 119, 189



0, 39, 61

Inverse Universe

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



249, 230, 242



255, 232, 247



249, 246, 230



125, 112, 120



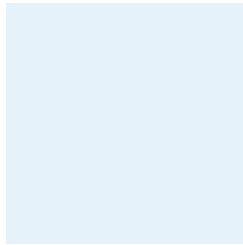
189, 0, 119



61, 0, 39

Previews

White Background



This preview shows how the RGB color 230, 242, 249 looks on a white background.

Color Contrast Check

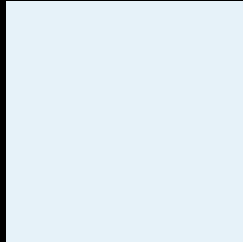
Large Text (above 18pt) WCAG AA × Fail

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 230, 242, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

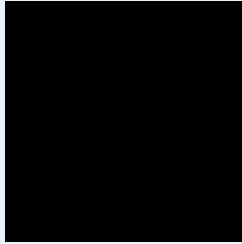
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

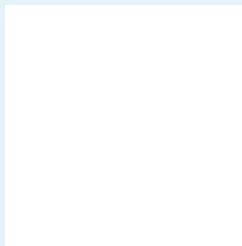
Any Text WCAG AAA ✓ Pass

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

RGB 230, 242, 249 Background



This preview shows how black text looks on a background with the RGB color 230, 242, 249.

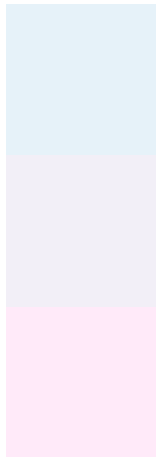


This preview shows how white text looks on a background with the RGB color 230, 242, 249.

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
230, 242, 249

Protanopia
242, 239, 247

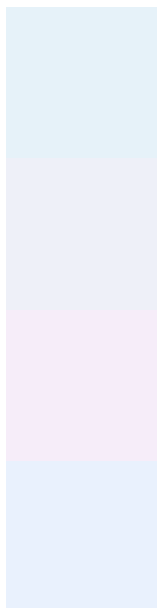
Deuteranopia
255, 234, 249



Tritanopia

234, 240, 255

Trichromacy



Original Color

230, 242, 249

Protanomaly

238, 240, 248

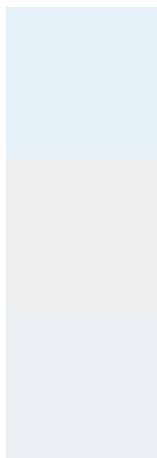
Deuteranomaly

246, 237, 249

Tritanomaly

233, 241, 253

Monochromacy



Original Color

230, 242, 249

Achromatopsia

239, 239, 239

Achromatomaly

236, 240, 243

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 242, 249 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(230, 242, 249) looks like.

```
.text, #text, p{  
    color:rgb(230, 242, 249)  
}
```

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(230, 242, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 242, 249) }
```

Border

The CSS property to change the border of an element to RGB 230, 242, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

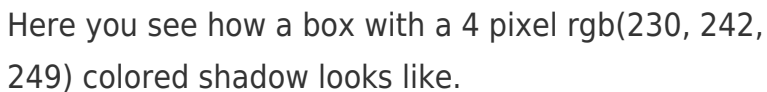
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 242, 249) }
```

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

```
.border{ border-color:rgb(230, 242, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 242, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(230, 242,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 230, 242, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 242, 249) }
```

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

```
.background{ background-color: rgb(230,  
242, 249) }
```

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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