

Converting Colors

RGB(222, 230, 249)

Have a look what the booklet for
RGB(222, 230, 249) contains.

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Color

RGB(222, 230, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DEE6F9
RGB	222, 230, 249
RGB Percent	87%, 90%, 98%
CMY	0.1294, 0.0980, 0.0235
CMYK	0.11, 0.08, 0.00, 0.02
HSL	222°, 69%, 92%
HSV	222°, 11%, 98%
XYZ	75.5199, 78.9628, 100.8835
YIQ	229.7740, -10.8670, 4.2130

Conversions

Conversions Part 2

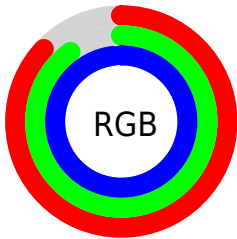
Format	Color
R _Y B	222, 228, 249
Decimal	14608121
CIE Lab	91.22, 0.96, -10.12
CIE LCh	91, 10.165, 275.413
Yxy	78.9628, 0.2957, 0.3092
Android (android.graphics.Color)	4292798201 (0xFFDEE6F9)
YUV	229.7740, 9.4784, -6.8178
Hunter-Lab	88.8610, -3.8058, -5.1090

Details

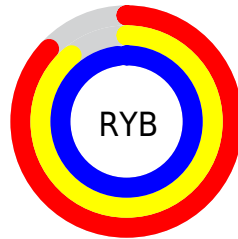
The RGB color **222, 230, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **249, 241, 222**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **167, 175, 193** is the 20% darker color. If you saturate the color by 10%, you get **197, 212, 249**, and if you desaturate by 10%, it is **247, 248, 249**.

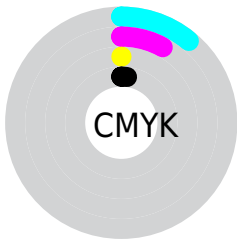
Distribution



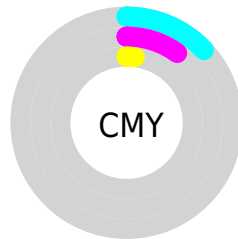
- Red (87%)
- Green (90%)
- Blue (98%)



- Red (87%)
- Yellow (89%)
- Blue (98%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (13%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 230, 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 222, 230, 249 by changing the saturation by 10% instead.

■ 222, 230, 249

255, 255, 255

■ 222, 230, 249

■ 194, 202, 220

■ 167, 175, 193

■ 140, 148, 165

■ 115, 122, 139

■ 90, 97, 114

■ 66, 74, 89

■ 44, 51, 66

■ 23, 30, 44

■ 0, 5, 23

■ 222, 230, 249

■ 222, 230, 249

■ 197, 212, 249

■ 247, 248, 249

■ 172, 195, 249

■ 255, 255, 249

■ 147, 177, 249

■ 122, 160, 249

■ 98, 142, 249

■ 73, 125, 249

■ 48, 107, 249

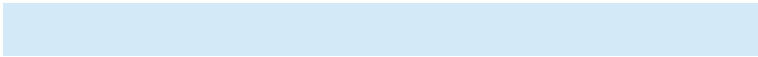
■ 23, 90, 249

■ 0, 74, 249

Harmonies

Analogous

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



212, 233, 247



222, 230, 249



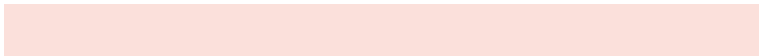
234, 227, 246

Triad

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



222, 230, 249



251, 224, 219



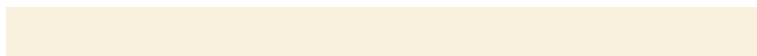
214, 235, 221

Complementary

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



222, 230, 249



249, 241, 222

Split Complementary

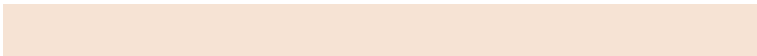
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



225, 233, 214



222, 230, 249



246, 227, 212

Square

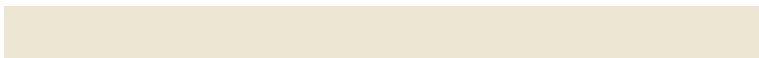
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222, 230, 249



250, 223, 228



236, 230, 211



207, 236, 231

Rectangle

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



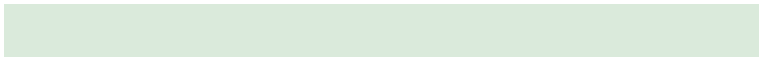
222, 230, 249



241, 225, 241



236, 230, 211



218, 234, 219

Sweetspot

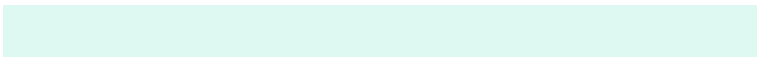
The Sweet Spot groups the original color and five complimentary colors.



222, 230, 249



247, 250, 255



222, 249, 241



122, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 230, 249



222, 232, 255



227, 222, 249



112, 116, 125



0, 56, 189



0, 18, 61

Inverse Universe

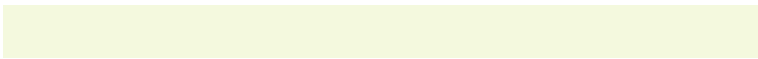
The Inverse Universe completely reimagines the original color for something new.



249, 222, 230



255, 222, 232



244, 249, 222



125, 112, 116



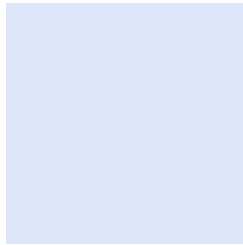
189, 0, 56



61, 0, 18

Previews

White Background



This preview shows how the RGB color 222, 230, 249 looks on a white background.

Color Contrast Check

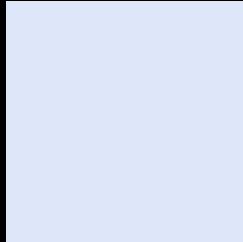
Large Text (above 18pt) WCAG AA × Fail

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 222, 230, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

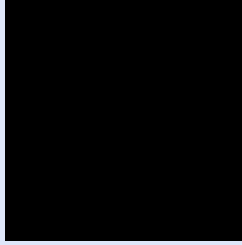
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

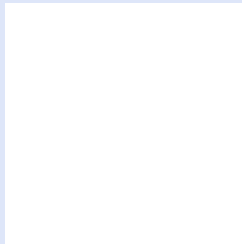
Any Text WCAG AAA ✓ Pass

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

RGB 222, 230, 249 Background



This preview shows how black text looks on a background with the RGB color 222, 230, 249.



This preview shows how white text looks on a background with the RGB color 222, 230, 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

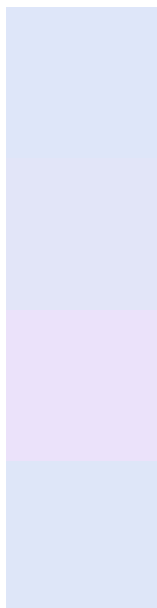




Tritanopia

222, 230, 248

Trichromacy



Original Color

222, 230, 249

Protanomaly

226, 229, 248

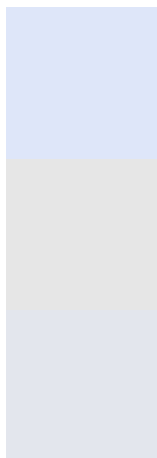
Deuteranomaly

235, 226, 250

Tritanomaly

222, 230, 248

Monochromacy



Original Color

222, 230, 249

Achromatopsia

230, 230, 230

Achromatomaly

227, 230, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 230, 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(222, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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(222, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 249) }
```

Border

The CSS property to change the border of an element to RGB 222, 230, 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(222, 230, 249) }
```

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

```
.border{ border-color:rgb(222, 230, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 230, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 230, 249); box-shadow:4px 4px 4px 4px rgb(222, 230, 249) }
```

Background

The CSS property to change the background color of an element to RGB 222, 230, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 249) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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