

Converting Colors

RGB(227, 228, 246)

Have a look what the booklet for
RGB(227, 228, 246) contains.

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Color

RGB(227, 228, 246)

Conversions

Conversions Part 1

Format	Color
Hex	E3E4F6
RGB	227, 228, 246
RGB Percent	89%, 89%, 96%
CMY	0.1098, 0.1059, 0.0353
CMYK	0.08, 0.07, 0.00, 0.04
HSL	237°, 51%, 93%
HSV	237°, 8%, 96%
XYZ	76.0565, 78.4715, 98.3267
YIQ	229.7530, -6.3740, 5.3860

Conversions

Conversions Part 2

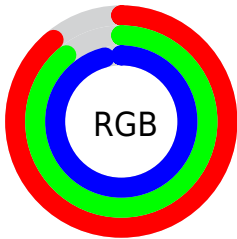
Format	Color
R _Y B	227, 228, 246
Decimal	14935286
CIE Lab	90.99, 3.01, -8.84
CIE LCh	91, 9.342, 288.820
Yxy	78.4715, 0.3008, 0.3103
Android (android.graphics.Color)	4293125366 (0xFFE3E4F6)
YUV	229.7530, 8.0098, -2.4144
Hunter-Lab	88.5842, -1.7659, -3.8018

Details

The RGB color **227, 228, 246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **246, 245, 227**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **172, 173, 190** is the 20% darker color. If you saturate the color by 10%, you get **202, 205, 246**, and if you desaturate by 10%, it is **252, 251, 246**.

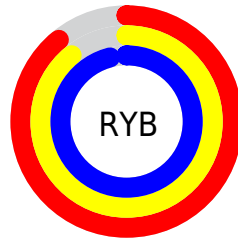
Distribution



Red (89%)

Green (89%)

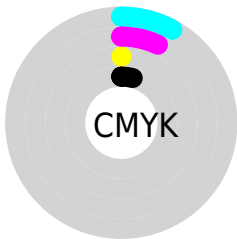
Blue (96%)



Red (89%)

Yellow (89%)

Blue (96%)

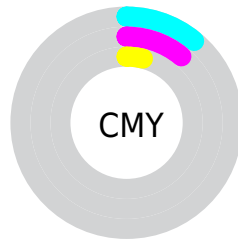


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (4%)



Cyan (11%)

Magenta (11%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 228, 246 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 227, 228, 246 by changing the saturation by 10% instead.

■ 227, 228, 246

255, 255, 255

■ 227, 228, 246

■ 199, 200, 218

■ 172, 173, 190

■ 145, 146, 163

■ 119, 120, 136

■ 95, 96, 111

■ 71, 72, 87

■ 48, 50, 63

■ 27, 29, 41

■ 1, 2, 21

 227, 228, 246

 227, 228, 246

 202, 205, 246


 252, 251, 246

 178, 181, 246

 255, 255, 246

 153, 158, 246


 129, 135, 246

 104, 111, 246

 79, 88, 246

 55, 65, 246

 30, 42, 246

 6, 18, 246

Harmonies

Analogous

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



216, 231, 246



227, 228, 246



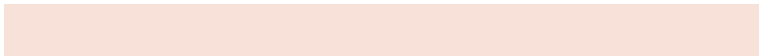
238, 225, 241

Triad

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



227, 228, 246



247, 225, 216



212, 234, 225

Complementary

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



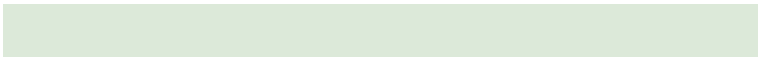
227, 228, 246



246, 245, 227

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.



220, 233, 217



227, 228, 246



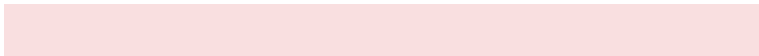
240, 227, 212

Square

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



227, 228, 246



249, 223, 224



231, 230, 212



207, 235, 235

Rectangle

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



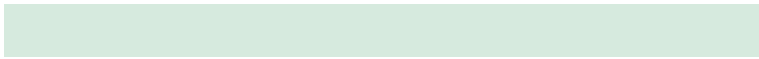
227, 228, 246



243, 224, 236



231, 230, 212



214, 234, 222

Sweetspot

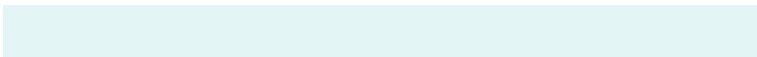
The Sweet Spot groups the original color and five complimentary colors.



227, 228, 246



250, 250, 255



227, 246, 245



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 228, 246



232, 233, 255



235, 227, 246



110, 111, 122



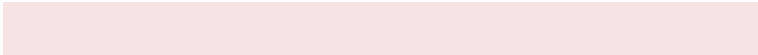
0, 10, 186



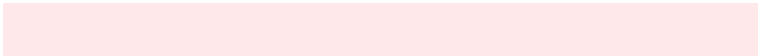
0, 3, 59

Inverse Universe

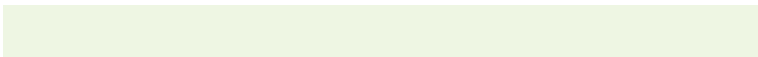
The Inverse Universe completely reimagines the original color for something new.



246, 227, 228



255, 232, 233



238, 246, 227



122, 110, 111



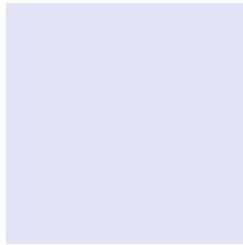
186, 0, 10



59, 0, 3

Previews

White Background



This preview shows how the RGB color 227, 228, 246 looks on a white background.

Color Contrast Check

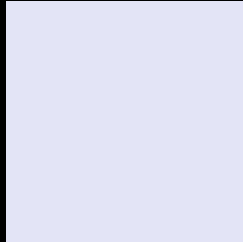
Large Text (above 18pt) WCAG AA × Fail

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 227, 228, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

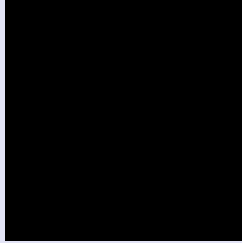
Any Text WCAG AA ✓ Pass

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 227, 228, 246 Background



This preview shows how black text looks on a background with the RGB color 227, 228, 246.



This preview shows how white text looks on a background with the RGB color 227, 228, 246.

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

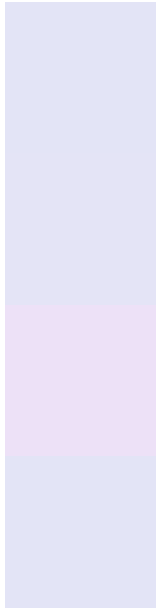
	Original Color 227, 228, 246
	Protanopia 228, 228, 246
	Deuteranopia 243, 223, 247



Tritanopia

227, 228, 246

Trichromacy



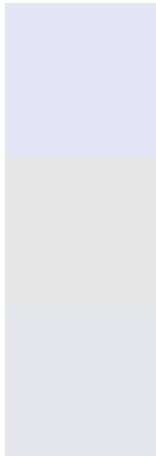
Original Color
227, 228, 246

Protanomaly
228, 228, 246

Deuteranomaly
237, 225, 247

Tritanomaly
227, 228, 246

Monochromacy



Original Color
227, 228, 246

Achromatopsia
230, 230, 230

Achromatomaly
229, 229, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 228, 246 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(227, 228, 246)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 246)  
}
```

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(227, 228, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 246) }
```

Border

The CSS property to change the border of an element to RGB 227, 228, 246 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(227, 228, 246) }
```

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

```
.border{ border-color:rgb(227, 228, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 228, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 246);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 227, 228, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 246) }
```

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

```
.background{ background-color: rgb(227,  
228, 246) }
```

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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