

Converting Colors

RGB(236, 236, 246)

Have a look what the booklet for
RGB(236, 236, 246) contains.

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Color

RGB(236, 236, 246)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECECF6 |
| RGB | 236, 236, 246 |
| RGB Percent | 93%, 93%, 96% |
| CMY | 0.0745, 0.0745, 0.0353 |
| CMYK | 0.04, 0.04, 0.00, 0.04 |
| HSL | 240°, 36%, 95% |
| HSV | 240°, 4%, 96% |
| XYZ | 81.2221, 84.4776, 99.2137 |
| YIQ | 237.1400, -3.2100, 3.1100 |

Conversions

Conversions Part 2

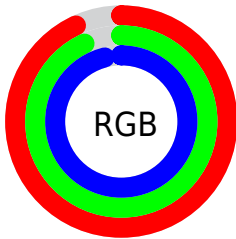
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 236, 236, 246 |
| Decimal | 15527158 |
| CIE Lab | 93.66, 1.82, -4.83 |
| CIE LCh | 94, 5.160, 290.596 |
| Yxy | 84.4776, 0.3066, 0.3189 |
| Android (android.graphics.Color) | 4293717238 (0xFFECECF6) |
| YUV | 237.1400, 4.3680, -0.9998 |
| Hunter-Lab | 91.9117, -3.1056, 0.3378 |

Details

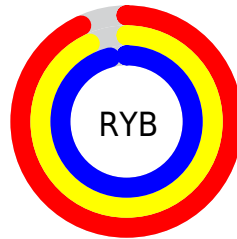
The RGB color **236, 236, 246** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **246, 246, 236**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 180, 190** is the 20% darker color. If you saturate the color by 10%, you get **211, 211, 246**, and if you desaturate by 10%, it is 255, 255, 246.

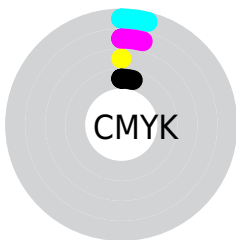
Distribution



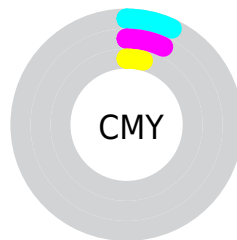
- Red (93%)
- Green (93%)
- Blue (96%)



- Red (93%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (7%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 236, 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 236, 236, 246 by changing the saturation by 10% instead.

■ 236, 236, 246

255, 255, 255

■ 236, 236, 246

■ 208, 208, 218

■ 180, 180, 190

■ 153, 153, 163

■ 127, 128, 136

■ 102, 103, 111

■ 78, 79, 87

■ 56, 56, 63

■ 34, 34, 42


■ 12, 12, 21


 236, 236, 246

 236, 236, 246


 211, 211, 246

 255, 255, 246

 187, 187, 246

 162, 162, 246

 138, 138, 246

 113, 113, 246

 88, 88, 246

 64, 64, 246

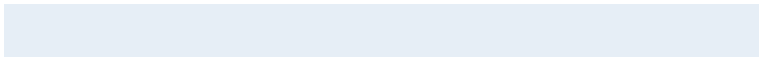
 39, 39, 246

 15, 15, 246

Harmonies

Analogous

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



230, 238, 246



236, 236, 246



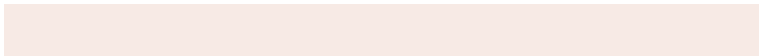
242, 235, 243

Triad

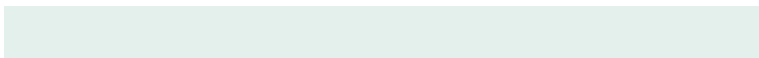
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236, 236, 246



247, 234, 229



227, 240, 235

Complementary

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



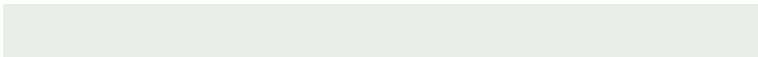
236, 236, 246



246, 246, 236

Split Complementary

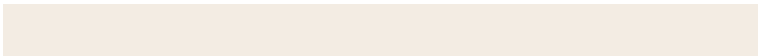
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231, 239, 230



236, 236, 246



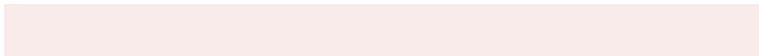
243, 236, 227

Square

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



236, 236, 246



248, 234, 233



237, 237, 227



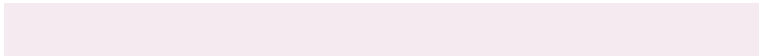
225, 240, 240

Rectangle

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



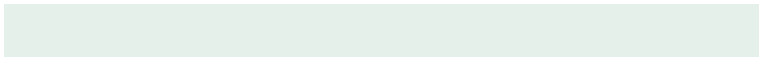
236, 236, 246



245, 234, 240



237, 237, 227



228, 240, 233

Sweetspot

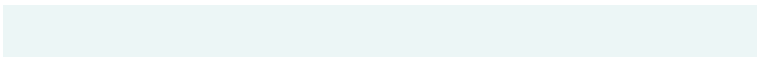
The Sweet Spot groups the original color and five complimentary colors.



236, 236, 246



252, 252, 255



236, 246, 246



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



236, 236, 246



242, 242, 255



241, 236, 246



115, 115, 122



0, 0, 186



0, 0, 59

Inverse Universe

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



246, 236, 246



255, 242, 255



241, 246, 236



122, 115, 122



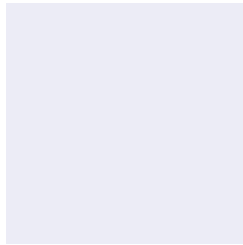
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 236, 236, 246 looks on a white background.

Color Contrast Check

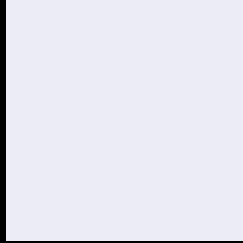
Large Text (above 18pt) WCAG AA × Fail

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 236, 236, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

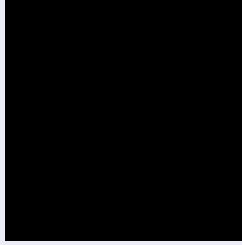
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

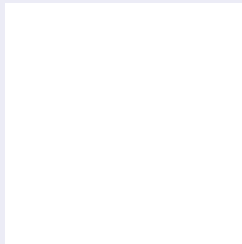
Any Text WCAG AAA ✓ Pass

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

RGB 236, 236, 246 Background



This preview shows how black text looks on a background with the RGB color 236, 236, 246.

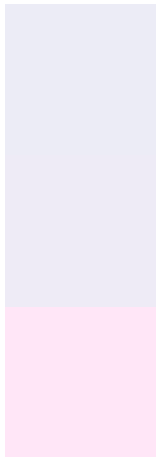


This preview shows how white text looks on a background with the RGB color 236, 236, 246.

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
236, 236, 246

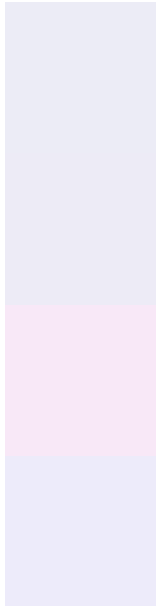
Protanopia
238, 235, 246

Deuteranopia
255, 230, 247



Tritanopia
237, 235, 253

Trichromacy



Original Color

236, 236, 246

Protanomaly

237, 235, 246

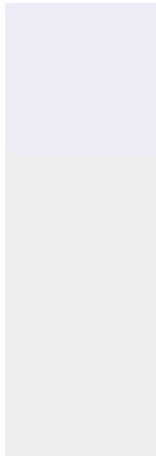
Deuteranomaly

248, 232, 247

Tritanomaly

237, 235, 250

Monochromacy



Original Color

236, 236, 246

Achromatopsia

237, 237, 237

Achromatomaly

237, 237, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 236, 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(236, 236, 246) looks like.

```
.text, #text, p{  
    color:rgb(236, 236, 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(236, 236, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 236, 246) }
```

Border

The CSS property to change the border of an element to RGB 236, 236, 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(236, 236, 246) }
```

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

```
.border{ border-color:rgb(236, 236, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 236, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 236, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 236, 246); box-shadow:4px 4px 4px 4px rgb(236, 236, 246) }
```

Background

The CSS property to change the background color of an element to RGB 236, 236, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 236, 246) }
```

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

```
.background{ background-color: rgb(236,  
236, 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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