

Converting Colors

RGB(236, 241, 226)

Have a look what the booklet for
RGB(236, 241, 226) contains.

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Color

RGB(236, 241, 226)

Conversions

Conversions Part 1

Format	Color
Hex	ECF1E2
RGB	236, 241, 226
RGB Percent	93%, 95%, 89%
CMY	0.0745, 0.0549, 0.1137
CMYK	0.02, 0.00, 0.06, 0.05
HSL	80°, 35%, 92%
HSV	80°, 6%, 95%
XYZ	79.7748, 86.2344, 84.3918
YIQ	237.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

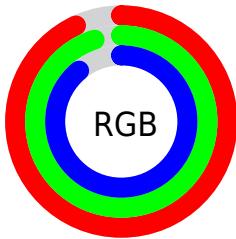
Format	Color
R_{YB}	226, 241, 231
Decimal	15528418
CIE Lab	94.41, -4.27, 6.65
CIE LCh	94, 7.907, 122.721
Yxy	86.2344, 0.3186, 0.3444
Android (android.graphics.Color)	4293718498 (0xFFE0CF1E2)
YUV	237.7950, -5.8149, -1.5742
Hunter-Lab	92.8625, -9.1665, 11.1220

Details

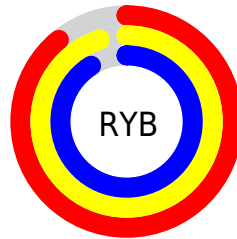
The RGB color **236, 241, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **231, 226, 241**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **180, 185, 171** is the 20% darker color. If you saturate the color by 10%, you get **228, 241, 202**, and if you desaturate by 10%, it is **244, 241, 250**.

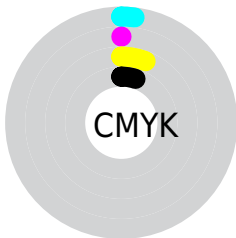
Distribution



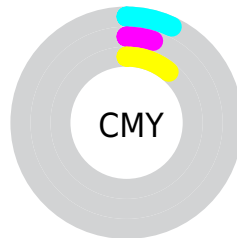
- Red (93%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (91%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (7%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 241, 226 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, 241, 226 by changing the saturation by 10% instead.

■ 236, 241, 226

255, 255, 255

■ 236, 241, 226

■ 208, 213, 198

■ 180, 185, 171

■ 153, 158, 144

■ 127, 132, 119

■ 102, 107, 94

■ 78, 83, 70

■ 56, 60, 48

■ 34, 38, 27

■ 12, 17, 0

 236, 241, 226

 236, 241, 226

 228, 241, 202

 244, 241, 250

 220, 241, 178


 252, 241, 255

 212, 241, 154

 255, 241, 255

 204, 241, 130

 196, 241, 105

 188, 241, 81

 180, 241, 57

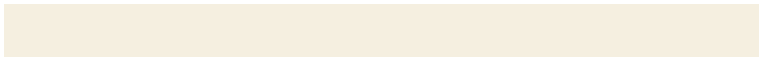
 172, 241, 33

 164, 241, 9

Harmonies

Analogous

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



245, 239, 224



236, 241, 226



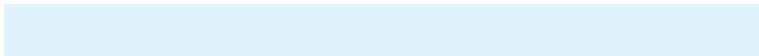
228, 243, 232

Triad

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



236, 241, 226



224, 242, 252



255, 234, 238

Complementary

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



236, 241, 226



231, 226, 241

Split Complementary

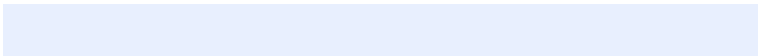
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 235, 246



236, 241, 226



232, 239, 254

Square

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



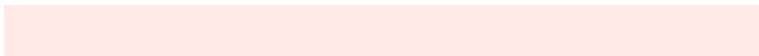
236, 241, 226



221, 243, 247



241, 237, 252



255, 234, 231

Rectangle

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



236, 241, 226



223, 243, 237



241, 237, 252



254, 234, 241

Sweetspot

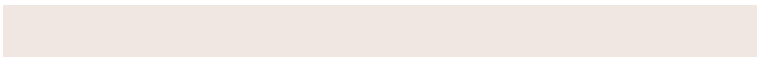
The Sweet Spot groups the original color and five complimentary colors.



236, 241, 226



253, 255, 250



241, 231, 226



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



236, 241, 226



249, 255, 237



229, 241, 226



117, 120, 110



122, 184, 0



37, 56, 0

Inverse Universe

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



231, 226, 241



243, 237, 255



238, 226, 241



113, 110, 120



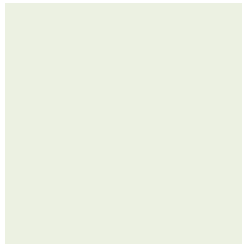
61, 0, 184



19, 0, 56

Previews

White Background



This preview shows how the RGB color 236, 241, 226 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, 241, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

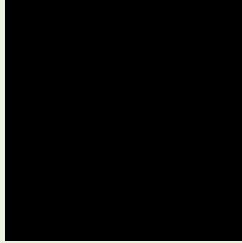
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

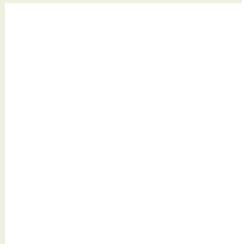
Any Text WCAG AAA ✓ Pass

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

RGB 236, 241, 226 Background



This preview shows how black text looks on a background with the RGB color 236, 241, 226.

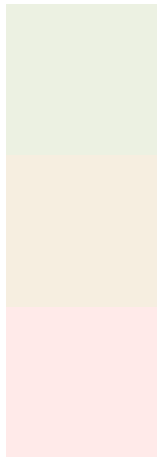


This preview shows how white text looks on a background with the RGB color 236, 241, 226.

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, 241, 226

Protanopia
246, 238, 224

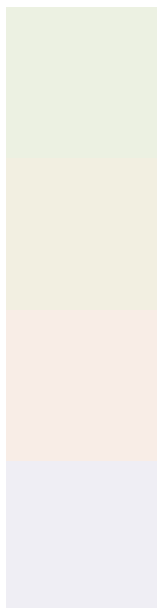
Deuteranopia
255, 234, 233



Tritanopia

240, 237, 255

Trichromacy



Original Color

236, 241, 226

Protanomaly

242, 239, 225

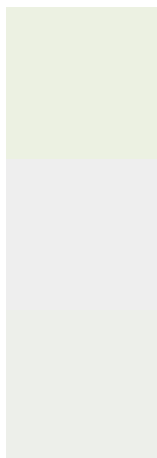
Deuteranomaly

248, 237, 230

Tritanomaly

239, 238, 244

Monochromacy



Original Color

236, 241, 226

Achromatopsia

238, 238, 238

Achromatomaly

237, 239, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 241, 226 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, 241, 226)` looks like.

```
.text, #text, p{  
    color:rgb(236, 241, 226)  
}
```

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, 241, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 241, 226) }
```

Border

The CSS property to change the border of an element to RGB 236, 241, 226 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, 241, 226) }
```

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

```
.border{ border-color:rgb(236, 241, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 241, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 241, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 241, 226); box-shadow:4px 4px 4px 4px rgb(236, 241, 226) }
```

Background

The CSS property to change the background color of an element to RGB 236, 241, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 241, 226) }
```

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

```
.background{ background-color: rgb(236,  
241, 226) }
```

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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