

Converting Colors

RGB(235, 242, 226)

Have a look what the booklet for
RGB(235, 242, 226) contains.

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Color

RGB(235, 242, 226)

Conversions

Conversions Part 1

Format	Color
Hex	EBF2E2
RGB	235, 242, 226
RGB Percent	92%, 95%, 89%
CMY	0.0784, 0.0510, 0.1137
CMYK	0.03, 0.00, 0.07, 0.05
HSL	86°, 38%, 92%
HSV	86°, 7%, 95%
XYZ	79.7405, 86.6574, 84.4753
YIQ	238.0830, 0.9640, -6.4600

Conversions

Conversions Part 2

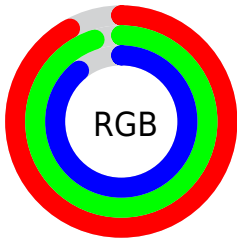
Format	Color
R_{YB}	226, 242, 233
Decimal	15463138
CIE Lab	94.59, -5.12, 6.90
CIE LCh	95, 8.593, 126.559
Yxy	86.6574, 0.3179, 0.3454
Android (android.graphics.Color)	4293653218 (0xFFEBF2E2)
YUV	238.0830, -5.9569, -2.7038
Hunter-Lab	93.0900, -10.0049, 11.3598

Details

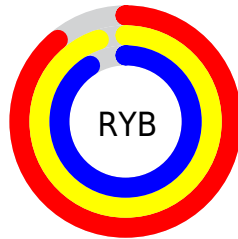
The RGB color **235, 242, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **233, 226, 242**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 186, 171** is the 20% darker color. If you saturate the color by 10%, you get **224, 242, 202**, and if you desaturate by 10%, it is **246, 242, 250**.

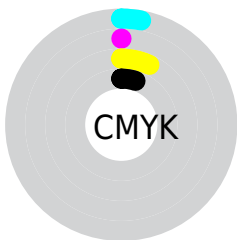
Distribution



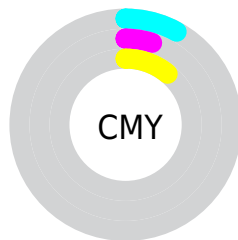
- Red (92%)
- Green (95%)
- Blue (89%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 242, 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 235, 242, 226 by changing the saturation by 10% instead.

■ 235, 242, 226

255, 255, 255

■ 235, 242, 226

■ 207, 214, 198

■ 179, 186, 171

■ 152, 159, 144

■ 127, 133, 119

■ 102, 108, 94

■ 78, 83, 70

■ 55, 60, 48

■ 33, 39, 27

■ 11, 18, 0

 235, 242, 226

 235, 242, 226

 224, 242, 202

 246, 242, 250


 214, 242, 178


 255, 242, 255


 203, 242, 153

 193, 242, 129

 182, 242, 105

 171, 242, 81

 161, 242, 57

 150, 242, 32

 140, 242, 8

Harmonies

Analogous

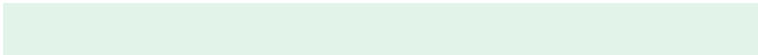
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245, 239, 223



235, 242, 226



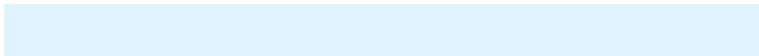
226, 244, 233

Triad

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



235, 242, 226



224, 242, 254



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.



235, 242, 226



233, 226, 242

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.



252, 235, 246



235, 242, 226



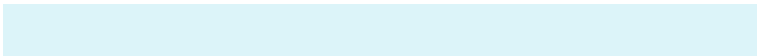
233, 239, 255

Square

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



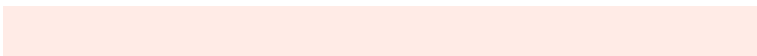
235, 242, 226



220, 244, 249



244, 237, 253



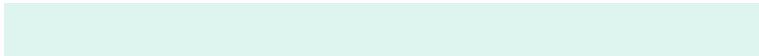
255, 235, 230

Rectangle

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



235, 242, 226



222, 244, 238



244, 237, 253



255, 234, 241

Sweetspot

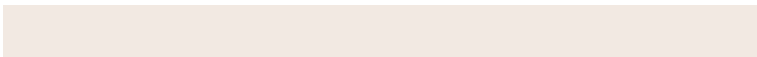
The Sweet Spot groups the original color and five complimentary colors.



235, 242, 226



253, 255, 250



242, 233, 226



126, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

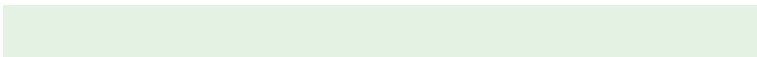
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 242, 226



246, 255, 235



227, 242, 226



115, 120, 108



103, 184, 0



32, 56, 0

Inverse Universe

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



233, 226, 242



244, 235, 255



241, 226, 242



113, 108, 120



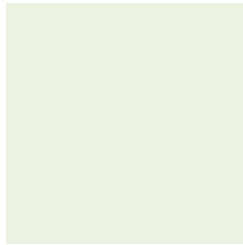
80, 0, 184



25, 0, 56

Previews

White Background



This preview shows how the RGB color 235, 242, 226 looks on a white background.

Color Contrast Check

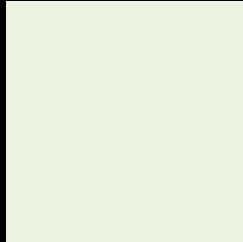
Large Text (above 18pt) WCAG AA × Fail

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 235, 242, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

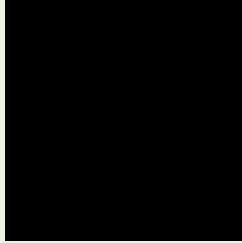
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

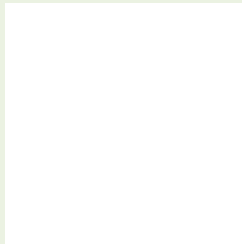
Any Text WCAG AAA ✓ Pass

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

RGB 235, 242, 226 Background



This preview shows how black text looks on a background with the RGB color 235, 242, 226.

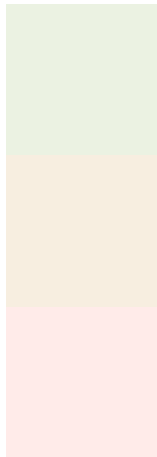


This preview shows how white text looks on a background with the RGB color 235, 242, 226.

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
235, 242, 226

Protanopia
247, 238, 224

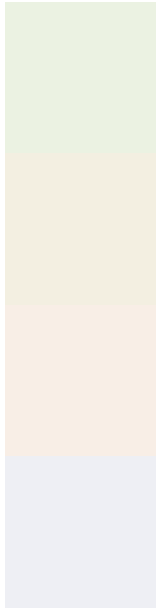
Deuteranopia
255, 235, 233



Tritanopia

240, 238, 255

Trichromacy



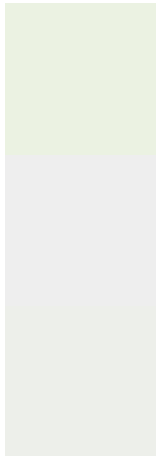
Original Color
235, 242, 226

Protanomaly
243, 239, 225

Deuteranomaly
248, 238, 230

Tritanomaly
238, 239, 244

Monochromacy



Original Color
235, 242, 226

Achromatopsia
238, 238, 238

Achromatomaly
237, 239, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 242, 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(235, 242, 226)` looks like.

```
.text, #text, p{  
    color:rgb(235, 242, 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(235, 242, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 242, 226) }
```

Border

The CSS property to change the border of an element to RGB 235, 242, 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(235, 242, 226) }
```

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

```
.border{ border-color:rgb(235, 242, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 242, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 242, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 242, 226);  
box-shadow:4px 4px 4px 4px rgb(235, 242,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 235, 242, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 242, 226) }
```

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

```
.background{ background-color: rgb(235,  
242, 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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