

Converting Colors

RGB(234, 236, 226)

Have a look what the booklet for
RGB(234, 236, 226) contains.

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Color

RGB(234, 236, 226)

Conversions

Conversions Part 1

Format	Color
Hex	EAECE2
RGB	234, 236, 226
RGB Percent	92%, 93%, 89%
CMY	0.0824, 0.0745, 0.1137
CMYK	0.01, 0.00, 0.04, 0.07
HSL	72°, 21%, 91%
HSV	72°, 4%, 93%
XYZ	77.6546, 82.9743, 83.8743
YIQ	234.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

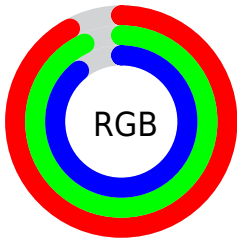
Format	Color
R _Y B	226, 236, 228
Decimal	15396066
CIE Lab	93.00, -2.42, 4.60
CIE LCh	93, 5.194, 117.711
Yxy	82.9743, 0.3176, 0.3394
Android (android.graphics.Color)	4293586146 (0xFFEAECE2)
YUV	234.2620, -4.0732, -0.2298
Hunter-Lab	91.0902, -7.2363, 9.1700

Details

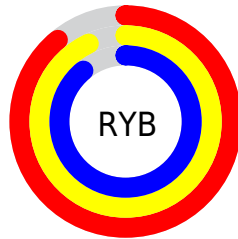
The RGB color **234, 236, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **228, 226, 236**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 180, 171** is the 20% darker color. If you saturate the color by 10%, you get **229, 236, 202**, and if you desaturate by 10%, it is **239, 236, 250**.

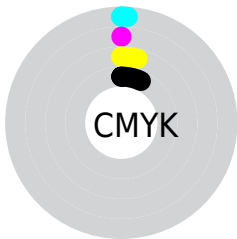
Distribution



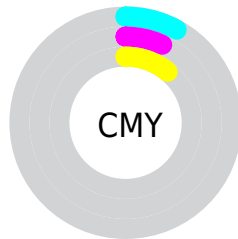
- Red (92%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 236, 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 234, 236, 226 by changing the saturation by 10% instead.

■ 234, 236, 226

255, 255, 255

■ 234, 236, 226

■ 206, 208, 198

■ 178, 180, 171

■ 152, 153, 144

■ 126, 128, 119

■ 101, 103, 94

■ 77, 79, 70

■ 54, 56, 48

■ 33, 34, 27

■ 10, 12, 0

 234, 236, 226

 234, 236, 226

 229, 236, 202

 239, 236, 250

 225, 236, 179

 243, 236, 255

 220, 236, 155

 248, 236, 255


 215, 236, 132

 253, 236, 255


 210, 236, 108

 255, 236, 255

 206, 236, 84

 201, 236, 61

 196, 236, 37

 192, 236, 14

Harmonies

Analogous

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



240, 234, 225



234, 236, 226



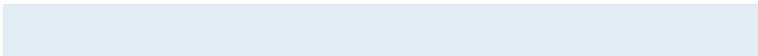
228, 237, 229

Triad

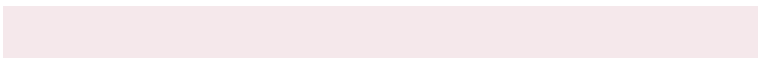
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 236, 226



225, 237, 243



245, 232, 235

Complementary

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



234, 236, 226



228, 226, 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.



241, 232, 240



234, 236, 226



230, 235, 245

Square

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



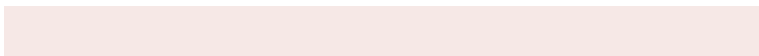
234, 236, 226



223, 238, 239



236, 234, 244



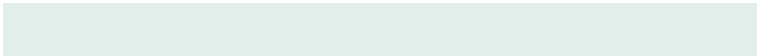
246, 232, 230

Rectangle

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



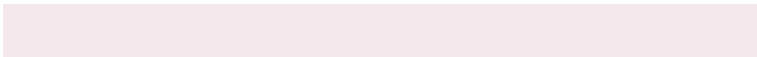
234, 236, 226



225, 238, 233



236, 234, 244



244, 232, 237

Sweetspot

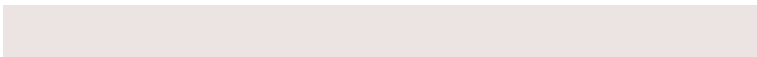
The Sweet Spot groups the original color and five complimentary colors.



234, 236, 226



254, 255, 252



236, 228, 226



127, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



234, 236, 226



252, 255, 242



229, 236, 226



116, 117, 110



145, 181, 0



43, 54, 0

Inverse Universe

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



228, 226, 236



245, 242, 255



233, 226, 236



112, 110, 117



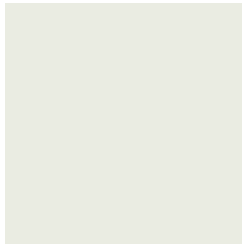
36, 0, 181



11, 0, 54

Previews

White Background



This preview shows how the RGB color 234, 236, 226 looks on a white background.

Color Contrast Check

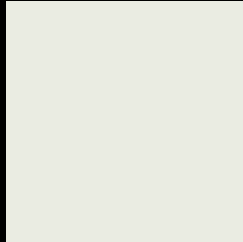
Large Text (above 18pt) WCAG AA × Fail

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 234, 236, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

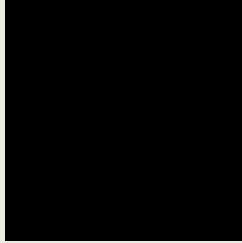
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

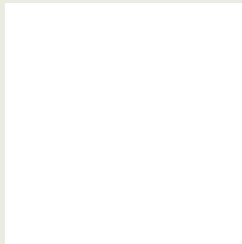
Any Text WCAG AAA ✓ Pass

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

RGB 234, 236, 226 Background



This preview shows how black text looks on a background with the RGB color 234, 236, 226.

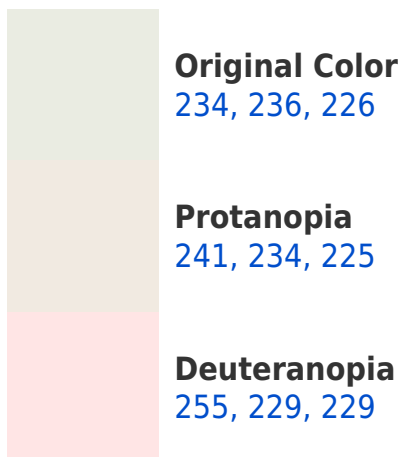


This preview shows how white text looks on a background with the RGB color 234, 236, 226.

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](#).

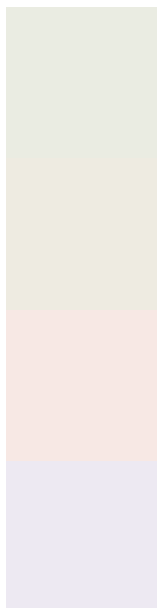
Dichromacy





Tritanopia
238, 232, 251

Trichromacy



Original Color

234, 236, 226

Protanomaly

238, 235, 225

Deuteranomaly

247, 232, 228

Tritanomaly

237, 233, 242

Monochromacy



Original Color

234, 236, 226

Achromatopsia

234, 234, 234

Achromatomaly

234, 235, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 236, 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(234, 236, 226) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 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(234, 236, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 226) }
```

Border

The CSS property to change the border of an element to RGB 234, 236, 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(234, 236, 226) }
```

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

```
.border{ border-color:rgb(234, 236, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 236, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 226);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 234, 236, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 236, 226) }
```

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

```
.background{ background-color: rgb(234,  
236, 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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