

Converting Colors

RGB(234, 236, 222)

Have a look what the booklet for
RGB(234, 236, 222) contains.

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Color

RGB(234, 236, 222)

Conversions

Conversions Part 1

Format	Color
Hex	EAECDE
RGB	234, 236, 222
RGB Percent	92%, 93%, 87%
CMY	0.0824, 0.0745, 0.1294
CMYK	0.01, 0.00, 0.06, 0.07
HSL	69°, 27%, 90%
HSV	69°, 6%, 93%
XYZ	77.1120, 82.7573, 81.0168
YIQ	233.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

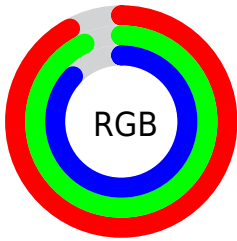
Format	Color
R _Y B	222, 236, 224
Decimal	15396062
CIE Lab	92.91, -3.10, 6.54
CIE LCh	93, 7.236, 115.335
Yxy	82.7573, 0.3201, 0.3436
Android (android.graphics.Color)	4293586142 (0xFFEAECDE)
YUV	233.8060, -5.8204, 0.1701
Hunter-Lab	90.9710, -7.8930, 10.8774

Details

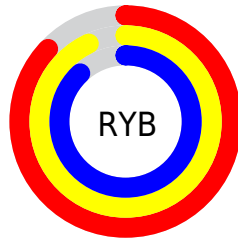
The RGB color **234, 236, 222** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **224, 222, 236**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is 255, 255, 255, and **178, 180, 167** is the 20% darker color. If you saturate the color by 10%, you get **231, 236, 198**, and if you desaturate by 10%, it is **237, 236, 246**.

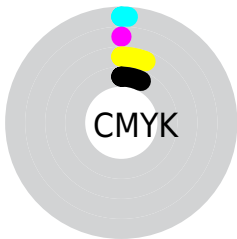
Distribution



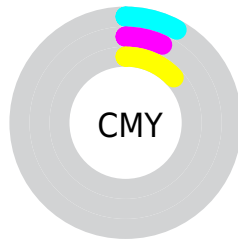
- Red (92%)
- Green (93%)
- Blue (87%)



- Red (87%)
- Yellow (93%)
- Blue (88%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 236, 222 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, 222 by changing the saturation by 10% instead.

■ 234, 236, 222

255, 255, 255

■ 234, 236, 222

■ 206, 208, 194

■ 178, 180, 167

■ 152, 153, 141

■ 126, 128, 115

■ 101, 103, 90

■ 77, 79, 67

■ 54, 56, 45

■ 33, 34, 24

■ 8, 12, 0


 234, 236, 222

 234, 236, 222

 231, 236, 198


 237, 236, 246

 227, 236, 175

 241, 236, 255

 224, 236, 151

 244, 236, 255

 221, 236, 128


 247, 236, 255

 217, 236, 104

 251, 236, 255

 214, 236, 80

 254, 236, 255

 210, 236, 57

 255, 236, 255

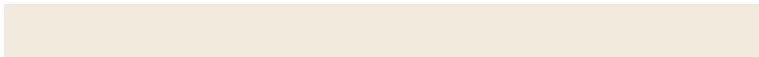
 207, 236, 33

 204, 236, 10

Harmonies

Analogous

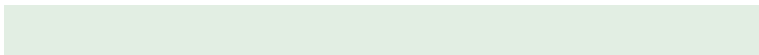
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242, 234, 221



234, 236, 222



226, 238, 227

Triad

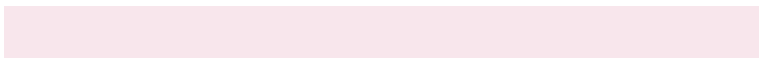
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 236, 222



220, 238, 246



248, 230, 236

Complementary

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



234, 236, 222



224, 222, 236

Split Complementary

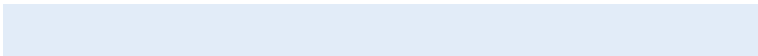
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243, 231, 243



234, 236, 222



226, 236, 248

Square

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



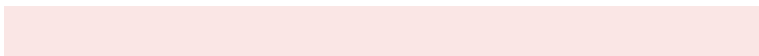
234, 236, 222



218, 239, 240



235, 233, 247



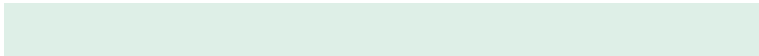
250, 230, 229

Rectangle

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



234, 236, 222



222, 239, 231



235, 233, 247



247, 230, 238

Sweetspot

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



234, 236, 222



254, 255, 250



236, 224, 222



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

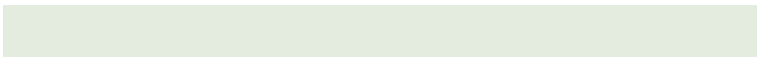
The Same Dimension uses a secret algorithm to generate beautiful new colors.



234, 236, 222



252, 255, 237



227, 236, 222



116, 117, 108



155, 181, 0



46, 54, 0

Inverse Universe

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



224, 222, 236



240, 237, 255



231, 222, 236



109, 108, 117



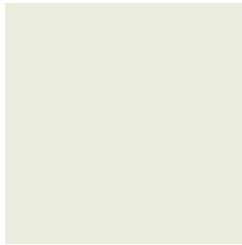
26, 0, 181



8, 0, 54

Previews

White Background



This preview shows how the RGB color 234, 236, 222 looks on a white background.

Color Contrast Check

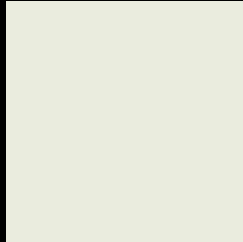
Large Text (above 18pt) WCAG AA × Fail

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, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

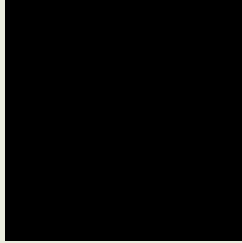
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

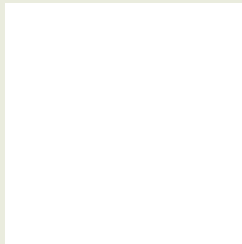
Any Text WCAG AAA ✓ Pass

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

RGB 234, 236, 222 Background



This preview shows how black text looks on a background with the RGB color 234, 236, 222.

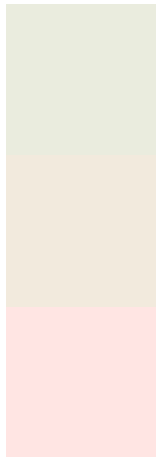


This preview shows how white text looks on a background with the RGB color 234, 236, 222.

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
234, 236, 222

Protanopia
242, 234, 221

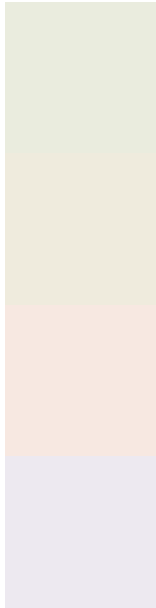
Deuteranopia
255, 229, 227



Tritanopia

238, 232, 250

Trichromacy



Original Color

234, 236, 222

Protanomaly

239, 235, 221

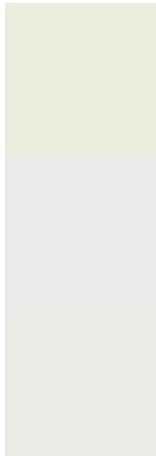
Deuteranomaly

247, 232, 225

Tritanomaly

237, 233, 240

Monochromacy



Original Color

234, 236, 222

Achromatopsia

234, 234, 234

Achromatomaly

234, 235, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 236, 222 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, 222) looks like.

```
.text, #text, p{  
    color:rgb(234, 236, 222)  
}
```

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, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 236, 222) }
```

Border

The CSS property to change the border of an element to RGB 234, 236, 222 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, 222) }
```

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

```
.border{ border-color:rgb(234, 236, 222) }
```

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, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 236, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 236, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 236,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 234, 236, 222 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, 222) }
```

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

```
.background{ background-color: rgb(234,  
236, 222) }
```

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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