

# Converting Colors

RGB(238, 248, 226)

Have a look what the booklet for  
RGB(238, 248, 226) contains.

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# **Color**

**RGB(238, 248, 226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEF8E2
RGB	238, 248, 226
RGB Percent	93%, 97%, 89%
CMY	0.0667, 0.0275, 0.1137
CMYK	0.04, 0.00, 0.09, 0.03
HSL	87°, 61%, 93%
HSV	87°, 9%, 97%
XYZ	82.5548, 90.8029, 85.1271
YIQ	242.5020, 1.1020, -8.9620

# Conversions

## Conversions Part 2

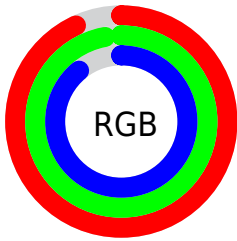
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 248, 236
Decimal	15661282
CIE Lab	96.33, -7.12, 9.42
CIE LCh	96, 11.810, 127.064
Yxy	90.8029, 0.3194, 0.3513
Android (android.graphics.Color)	4293851362 (0xFFEEF8E2)
YUV	242.5020, -8.1355, -3.9483
Hunter-Lab	95.2906, -12.1154, 13.7371

# Details

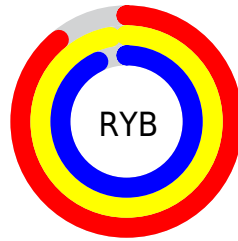
The RGB color **238, 248, 226** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **236, 226, 248**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 192, 171** is the 20% darker color. If you saturate the color by 10%, you get **227, 248, 201**, and if you desaturate by 10%, it is **249, 248, 251**.

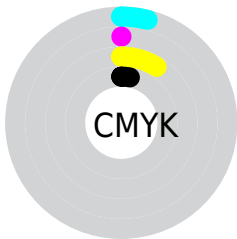
# Distribution



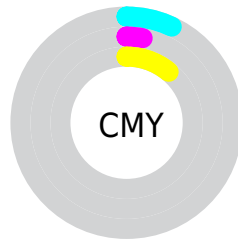
- Red (93%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)



- Cyan (7%)
- Magenta (3%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 238, 248, 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 238, 248, 226 by changing the saturation by 10% instead.



 238, 248, 226


255, 255, 255


 238, 248, 226


 210, 219, 198

 182, 192, 171

 155, 165, 144


 129, 138, 119

 104, 113, 94

 80, 88, 70

 57, 65, 48

 35, 43, 27

 15, 23, 0

 238, 248, 226

 238, 248, 226

 227, 248, 201

 249, 248, 251


 215, 248, 176

 255, 248, 255


 204, 248, 152

 193, 248, 127

 182, 248, 102

 170, 248, 77

 159, 248, 52

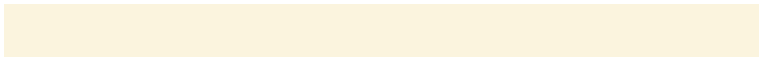
 148, 248, 28

 137, 248, 3

# Harmonies

## Analogous

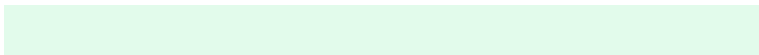
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



251, 244, 222



238, 248, 226



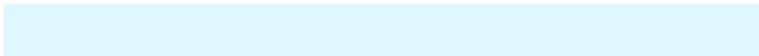
226, 251, 235

# Triad

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



238, 248, 226



223, 248, 255



255, 237, 242

# Complementary

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



238, 248, 226



236, 226, 248

# Split Complementary

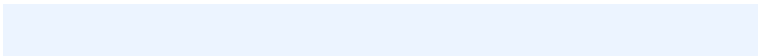
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 238, 254



238, 248, 226



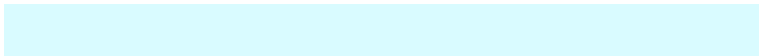
236, 244, 255

# Square

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



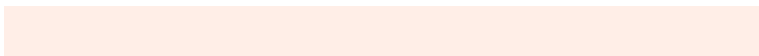
238, 248, 226



217, 251, 255



250, 241, 255



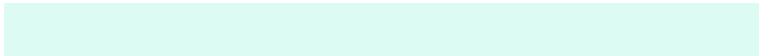
255, 238, 231

# Rectangle

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



238, 248, 226



220, 251, 243



250, 241, 255



255, 237, 246



# Sweetspot

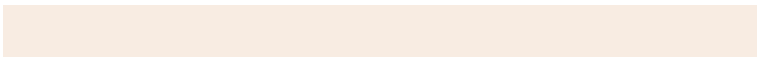
The Sweet Spot groups the original color and five complimentary colors.



238, 248, 226



252, 255, 247



248, 236, 226



125, 128, 122



0, 0, 0



128, 128, 128



# Same Dimension

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



238, 248, 226



242, 255, 227



227, 248, 226



119, 125, 112



103, 189, 0



33, 61, 0



# Inverse Universe

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



236, 226, 248



240, 227, 255



247, 226, 248



118, 112, 125



86, 0, 189

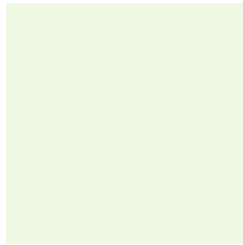


28, 0, 61



# Previews

## White Background



This preview shows how the RGB color 238, 248, 226 looks on a white background.

## Color Contrast Check

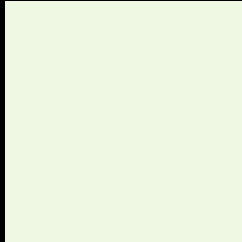
Large Text (above 18pt) WCAG AA × Fail

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 238, 248, 226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

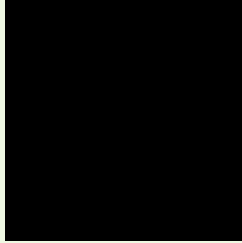
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

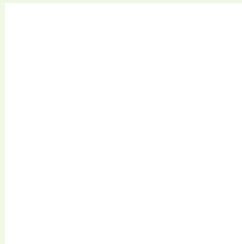
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 238, 248, 226 Background



This preview shows how black text looks on a background with the RGB color 238, 248, 226.

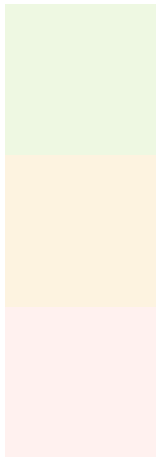


This preview shows how white text looks on a background with the RGB color 238, 248, 226.

# 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**  
238, 248, 226

**Protanopia**  
253, 243, 224

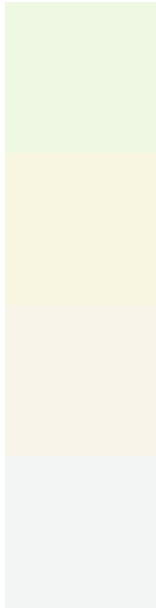
**Deuteranopia**  
255, 241, 239



# Tritanopia

244, 243, 255

# Trichromacy



**Original Color**

238, 248, 226

**Protanomaly**

248, 245, 225

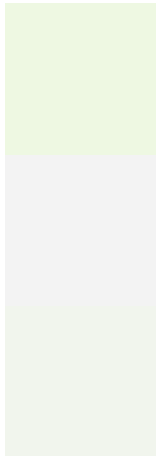
**Deuteranomaly**

249, 244, 234

**Tritanomaly**

242, 245, 244

# Monochromacy



**Original Color**

238, 248, 226

**Achromatopsia**

243, 243, 243

**Achromatomaly**

241, 245, 237

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 238, 248, 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(238, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(238, 248, 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(238, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 248, 226) }
```

## Border

The CSS property to change the border of an element to RGB 238, 248, 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(238, 248, 226) }
```

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

```
.border{ border-color:rgb(238, 248, 226) }
```

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

Here you see how a box with a 4 pixel rgb(238, 248, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(238, 248,  
226) }
```

# Background

The CSS property to change the background color of an element to RGB 238, 248, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 248, 226) }
```

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

```
.background{ background-color: rgb(238,  
248, 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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