

Converting Colors

RGB(235, 238, 150)

Have a look what the booklet for
RGB(235, 238, 150) contains.

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Color

RGB(235, 238, 150)

Conversions

Conversions Part 1

Format	Color
Hex	EBEE96
RGB	235, 238, 150
RGB Percent	92%, 93%, 59%
CMY	0.0784, 0.0667, 0.4118
CMYK	0.01, 0.00, 0.37, 0.07
HSL	62°, 72%, 76%
HSV	62°, 37%, 93%
XYZ	70.3405, 81.0132, 40.7839
YIQ	227.0710, 26.4600, -28.0040

Conversions

Conversions Part 2

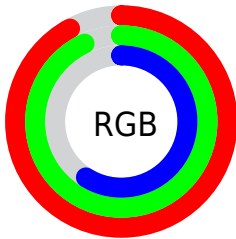
Format	Color
RYB	150, 238, 153
Decimal	15462038
CIELab	92.14, -13.85, 42.27
CIELCh	92, 44.484, 108.135
Yxy	81.0132, 0.3661, 0.4216
Android (android.graphics.Color)	4293652118 (0xFFEBEE96)
YUV	227.0710, -37.9960, 6.9537
Hunter-Lab	90.0074, -18.0156, 36.1398

Details

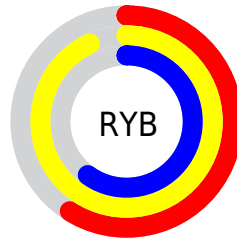
The RGB color **235, 238, 150** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **153, 150, 238**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 205**, and **178, 182, 98** is the 20% darker color. If you saturate the color by 10%, you get **234, 238, 126**, and if you desaturate by 10%, it is **236, 238, 174**.

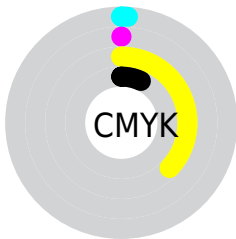
Distribution



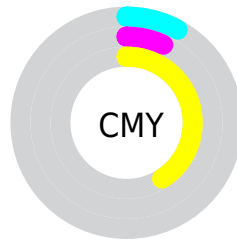
- Red (92%)
- Green (93%)
- Blue (59%)



- Red (59%)
- Yellow (93%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 238, 150 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, 238, 150 by changing the saturation by 10% instead.

 235, 238, 150

 235, 238, 150


255, 255, 255


 206, 210, 123


 255, 255, 205

 178, 182, 98

 255, 255, 234

 150, 155, 72

 123, 129, 48

 97, 104, 22

 72, 80, 0

 48, 57, 0

 23, 36, 0

 0, 14, 0

 235, 238, 150


 235, 238, 150

 234, 238, 126

 236, 238, 174

 233, 238, 102


 237, 238, 198

 233, 238, 79

 237, 238, 221

 232, 238, 55

 238, 238, 245

 231, 238, 31

 239, 238, 255

 230, 238, 7

 240, 238, 255

 230, 238, 0

 241, 238, 255

 241, 238, 255

 242, 238, 255

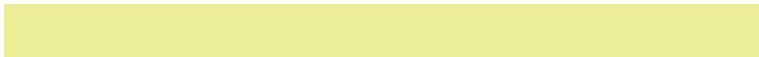
Harmonies

Analogous

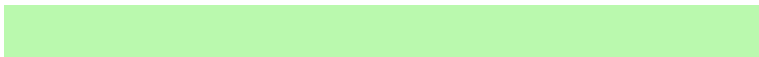
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 224, 149



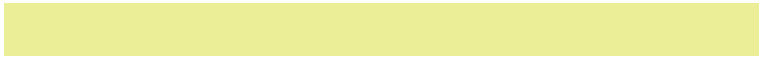
235, 238, 150



186, 249, 174

Triad

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



235, 238, 150



82, 251, 255



255, 201, 251

Complementary

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



235, 238, 150



153, 150, 238

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, 212, 255



235, 238, 150



144, 242, 255

Square

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



235, 238, 150



83, 255, 255



213, 228, 255



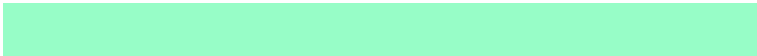
255, 200, 208

Rectangle

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



235, 238, 150



151, 253, 199



213, 228, 255



255, 204, 255

Sweetspot

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



235, 238, 150



254, 255, 227



238, 153, 150



127, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

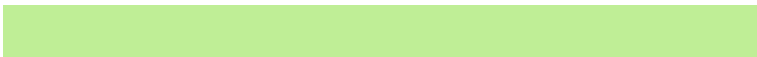
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235, 238, 150



251, 255, 143



191, 238, 150



119, 120, 108



177, 184, 0



54, 56, 0

Inverse Universe

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



153, 150, 238



147, 143, 255



197, 150, 238



108, 108, 120



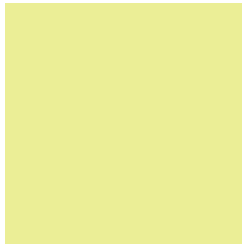
6, 0, 184



2, 0, 56

Previews

White Background



This preview shows how the RGB color 235, 238, 150 looks on a white background.

Color Contrast Check

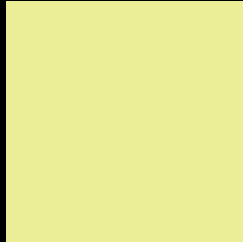
Large Text (above 18pt) WCAG AA × Fail

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, 238, 150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

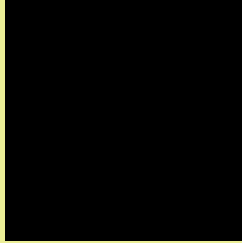
Any Text WCAG AA ✓ Pass

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, 238, 150 Background



This preview shows how black text looks on a background with the RGB color 235, 238, 150.

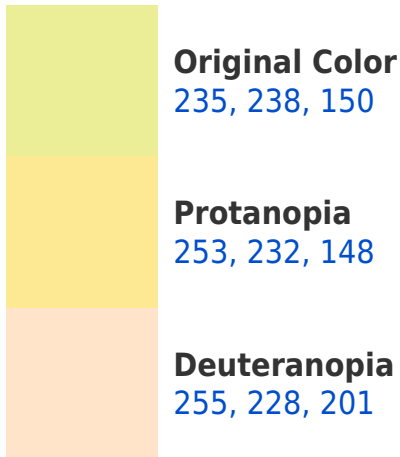


This preview shows how white text looks on a background with the RGB color 235, 238, 150.

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](#).

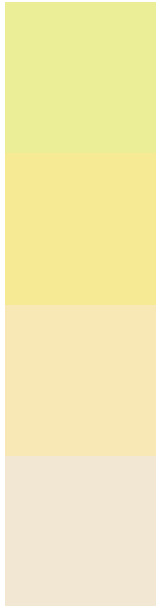
Dichromacy





Tritanopia
246, 227, 244

Trichromacy



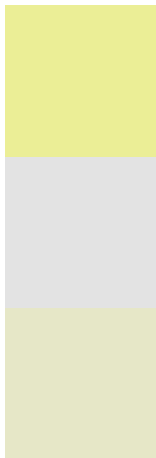
Original Color
235, 238, 150

Protanomaly
246, 234, 149

Deuteranomaly
248, 232, 182

Tritanomaly
242, 231, 210

Monochromacy



Original Color
235, 238, 150

Achromatopsia
227, 227, 227

Achromatomaly
230, 231, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 238, 150 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, 238, 150)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 150)  
}
```

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, 238, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 150) }
```

Border

The CSS property to change the border of an element to RGB 235, 238, 150 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, 238, 150) }
```

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

```
.border{ border-color:rgb(235, 238, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 238, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 150);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 235, 238, 150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 150) }
```

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

```
.background{ background-color: rgb(235,  
238, 150) }
```

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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