

Converting Colors

RGB(236, 245, 152)

Have a look what the booklet for
RGB(236, 245, 152) contains.

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Color

RGB(236, 245, 152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ECF598 |
| RGB | 236, 245, 152 |
| RGB Percent | 93%, 96%, 60% |
| CMY | 0.0745, 0.0392, 0.4039 |
| CMYK | 0.04, 0.00, 0.38, 0.04 |
| HSL | 66°, 82%, 78% |
| HSV | 66°, 38%, 96% |
| XYZ | 72.9120, 85.4047, 42.3476 |
| YIQ | 231.7070, 24.4890, -30.8310 |

Conversions

Conversions Part 2

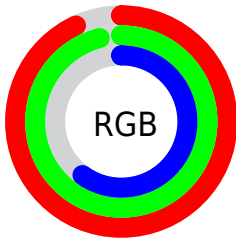
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 245, 161 |
| Decimal | 15529368 |
| CIELab | 94.06, -16.67, 43.76 |
| CIElCh | 94, 46.834, 110.857 |
| Yxy | 85.4047, 0.3634, 0.4256 |
| Android (android.graphics.Color) | 4293719448 (0xFFECEF598) |
| YUV | 231.7070, -39.2956, 3.7650 |
| Hunter-Lab | 92.4147, -20.8953, 37.5215 |

Details

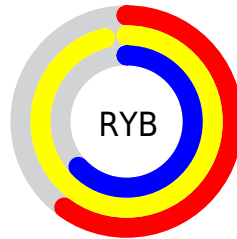
The RGB color **236, 245, 152** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **161, 152, 245**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 207**, and **179, 189, 99** is the 20% darker color. If you saturate the color by 10%, you get **234, 245, 128**, and if you desaturate by 10%, it is **238, 245, 177**.

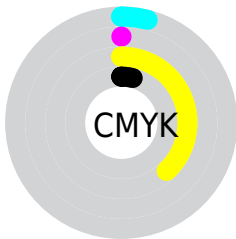
Distribution



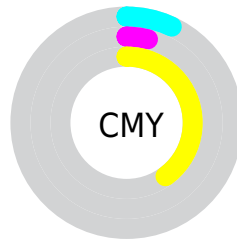
- Red (93%)
- Green (96%)
- Blue (60%)



- Red (60%)
- Yellow (96%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 236, 245, 152 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 236, 245, 152 by changing the saturation by 10% instead.

 236, 245, 152

 236, 245, 152


255, 255, 255

 207, 217, 125

 255, 255, 207

 179, 189, 99

 255, 255, 236

 151, 162, 74

 124, 136, 49

 98, 110, 23

 72, 86, 0

 49, 63, 0

 23, 41, 0

 0, 22, 0

 236, 245, 152

 236, 245, 152

 234, 245, 128

 238, 245, 177

 231, 245, 103

 241, 245, 201

 229, 245, 78

 243, 245, 226

 227, 245, 54


 245, 245, 250

 224, 245, 29

 248, 245, 255

 222, 245, 5

 250, 245, 255

 221, 245, 0

 253, 245, 255

 255, 245, 255

 255, 245, 255

Harmonies

Analogous

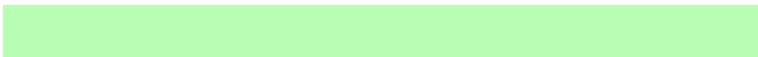
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 230, 149



236, 245, 152



184, 255, 179

Triad

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



236, 245, 152



76, 255, 255



255, 204, 254

Complementary

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



236, 245, 152



161, 152, 245

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, 215, 255



236, 245, 152



150, 247, 255

Square

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



236, 245, 152



68, 255, 255



223, 231, 255



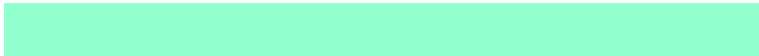
255, 204, 208

Rectangle

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



236, 245, 152



146, 255, 207



223, 231, 255



255, 207, 255

Sweetspot

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



236, 245, 152



252, 255, 227



245, 160, 152



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

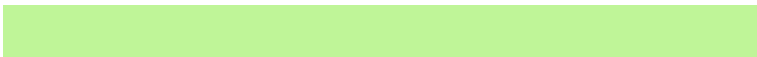
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236, 245, 152



244, 255, 138



191, 245, 152



121, 122, 110



168, 186, 0



53, 59, 0

Inverse Universe

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



161, 152, 245



149, 138, 255



206, 152, 245



111, 110, 122



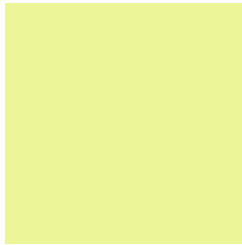
18, 0, 186



6, 0, 59

Previews

White Background



This preview shows how the RGB color 236, 245, 152 looks on a white background.

Color Contrast Check

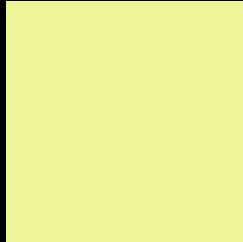
Large Text (above 18pt) WCAG AA × Fail

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 236, 245, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

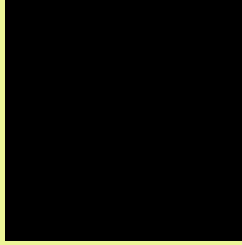
Any Text WCAG AA ✓ Pass

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 236, 245, 152 Background



This preview shows how black text looks on a background with the RGB color 236, 245, 152.

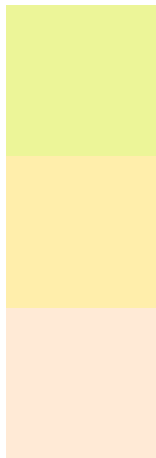


This preview shows how white text looks on a background with the RGB color 236, 245, 152.

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
236, 245, 152

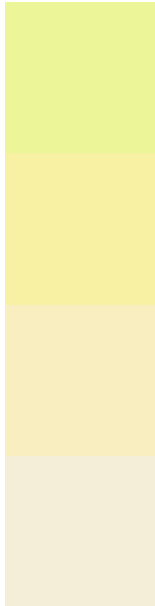
Protanopia
255, 238, 171

Deuteranopia
255, 234, 214



Tritanopia
248, 233, 251

Trichromacy



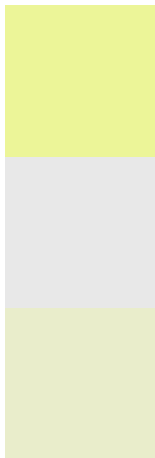
Original Color
236, 245, 152

Protanomaly
248, 241, 164

Deuteranomaly
248, 238, 191

Tritanomaly
244, 237, 215

Monochromacy



Original Color
236, 245, 152

Achromatopsia
232, 232, 232

Achromatomaly
233, 237, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 236, 245, 152 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(236, 245, 152)` looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 152)  
}
```

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(236, 245, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 152) }
```

Border

The CSS property to change the border of an element to RGB 236, 245, 152 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(236, 245, 152) }
```

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

```
.border{ border-color:rgb(236, 245, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 152);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 236, 245, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 152) }
```

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

```
.background{ background-color: rgb(236,  
245, 152) }
```

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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