

Converting Colors

RGB(222, 235, 146)

Have a look what the booklet for
RGB(222, 235, 146) contains.

RGB(222, 235, 146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(222, 235, 146)

Conversions

Conversions Part 1

Format	Color
Hex	DEEB92
RGB	222, 235, 146
RGB Percent	87%, 92%, 57%
CMY	0.1294, 0.0784, 0.4275
CMYK	0.06, 0.00, 0.38, 0.08
HSL	69°, 69%, 75%
HSV	69°, 38%, 92%
XYZ	65.0208, 77.0216, 38.6338
YIQ	220.9670, 20.8210, -30.4350

Conversions

Conversions Part 2

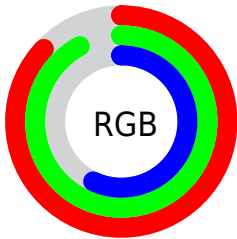
Format	Color
RYB	146, 235, 159
Decimal	14609298
CIELab	90.33, -17.76, 41.74
CIELCh	90, 45.363, 113.052
Yxy	77.0216, 0.3599, 0.4263
Android (android.graphics.Color)	4292799378 (0xFFDEEB92)
YUV	220.9670, -36.9587, 0.9059
Hunter-Lab	87.7619, -21.3368, 35.3332

Details

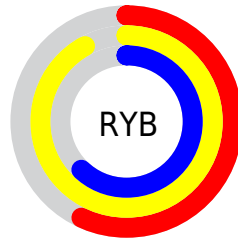
The RGB color **222, 235, 146** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159, 146, 235**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 201**, and **166, 179, 94** is the 20% darker color. If you saturate the color by 10%, you get **219, 235, 122**, and if you desaturate by 10%, it is **225, 235, 170**.

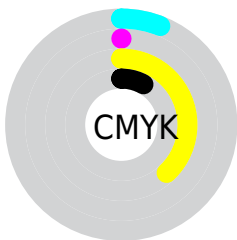
Distribution



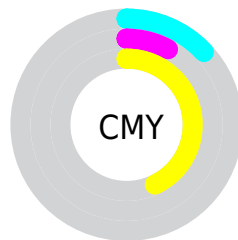
- Red (87%)
- Green (92%)
- Blue (57%)



- Red (57%)
- Yellow (92%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (38%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 235, 146 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 222, 235, 146 by changing the saturation by 10% instead.

 222, 235, 146

255, 255, 255


 255, 255, 201

 255, 255, 229

 222, 235, 146

 193, 207, 120

 166, 179, 94


 138, 153, 69

 112, 127, 44

 86, 102, 18

 61, 78, 0

 37, 55, 0

 11, 34, 0


 0, 2, 0

 222, 235, 146

 222, 235, 146

 219, 235, 122


 225, 235, 170

 215, 235, 99


 229, 235, 193

 212, 235, 75

 232, 235, 216

 208, 235, 52


 236, 235, 240

 205, 235, 29

 239, 235, 255

 201, 235, 5

 243, 235, 255

 201, 235, 0

 246, 235, 255

 249, 235, 255

 253, 235, 255

Harmonies

Analogous

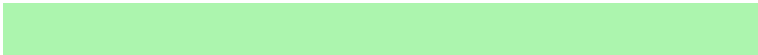
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 221, 141



222, 235, 146



172, 245, 174

Triad

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



222, 235, 146



75, 245, 255



255, 195, 239

Complementary

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



222, 235, 146



159, 146, 235

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, 204, 255



222, 235, 146



148, 235, 255

Square

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



222, 235, 146



60, 250, 255



218, 220, 255



255, 196, 195

Rectangle

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



222, 235, 146



135, 249, 201



218, 220, 255



255, 197, 254

Sweetspot

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



222, 235, 146



251, 255, 227



235, 158, 146



125, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



222, 235, 146



238, 255, 140



179, 235, 146



116, 117, 106



155, 181, 0



46, 54, 0

Inverse Universe

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



159, 146, 235



157, 140, 255



202, 146, 235



107, 106, 117



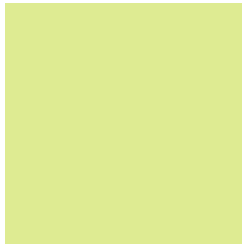
26, 0, 181



8, 0, 54

Previews

White Background



This preview shows how the RGB color 222, 235, 146 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 222, 235, 146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

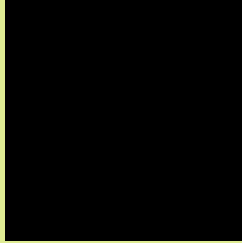
Any Text WCAG AA ✓ Pass

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 222, 235, 146 Background



This preview shows how black text looks on a background with the RGB color 222, 235, 146.

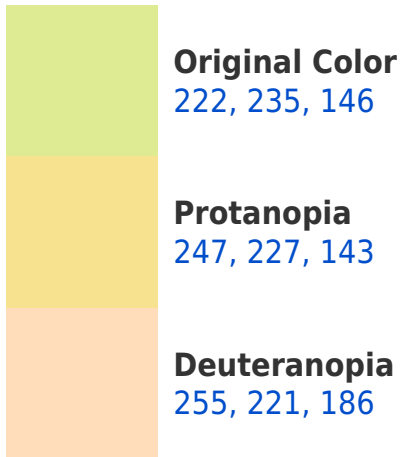


This preview shows how white text looks on a background with the RGB color 222, 235, 146.

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](#).

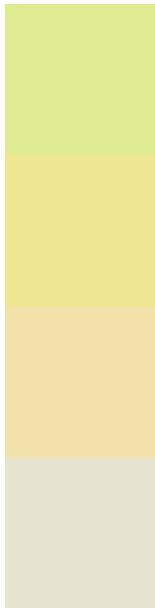
Dichromacy





Tritanopia
234, 223, 241

Trichromacy



Original Color

222, 235, 146

Protanomaly

238, 230, 144

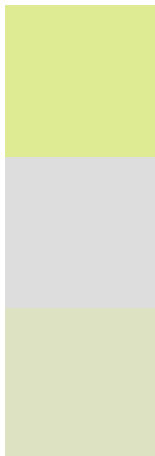
Deuteranomaly

243, 226, 171

Tritanomaly

230, 227, 206

Monochromacy



Original Color

222, 235, 146

Achromatopsia

221, 221, 221

Achromatomaly

221, 226, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 235, 146 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(222, 235, 146)` looks like.

```
.text, #text, p{  
    color:rgb(222, 235, 146)  
}
```

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(222, 235, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 235, 146) }
```

Border

The CSS property to change the border of an element to RGB 222, 235, 146 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(222, 235, 146) }
```

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

```
.border{ border-color:rgb(222, 235, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 235, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 235, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 235, 146);  
box-shadow:4px 4px 4px 4px rgb(222, 235,  
146) }
```

Background

The CSS property to change the background color of an element to RGB 222, 235, 146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 235, 146) }
```

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

```
.background{ background-color: rgb(222,  
235, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor