

Converting Colors

RGB(211, 245, 163)

Have a look what the booklet for
RGB(211, 245, 163) contains.

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Color

RGB(211, 245, 163)

Conversions

Conversions Part 1

Format	Color
Hex	D3F5A3
RGB	211, 245, 163
RGB Percent	83%, 96%, 64%
CMY	0.1725, 0.0392, 0.3608
CMYK	0.14, 0.00, 0.33, 0.04
HSL	85°, 80%, 80%
HSV	85°, 33%, 96%
XYZ	66.1272, 81.7980, 46.9537
YIQ	225.4860, 6.0580, -32.7100

Conversions

Conversions Part 2

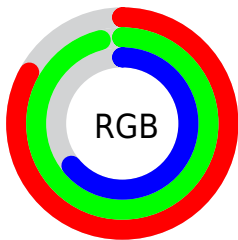
Format	Color
RYB	163, 245, 197
Decimal	13890979
CIELab	92.49, -24.56, 35.94
CIELCh	92, 43.535, 124.347
Yxy	81.7980, 0.3393, 0.4197
Android (android.graphics.Color)	4292081059 (0xFFD3F5A3)
YUV	225.4860, -30.8056, -12.7042
Hunter-Lab	90.4423, -27.7630, 32.5288

Details

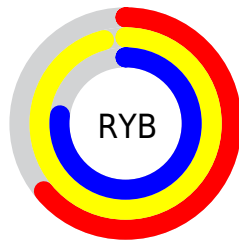
The RGB color **211, 245, 163** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **197, 163, 245**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 219**, and **155, 189, 110** is the 20% darker color. If you saturate the color by 10%, you get **201, 245, 139**, and if you desaturate by 10%, it is **221, 245, 187**.

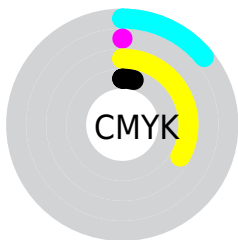
Distribution



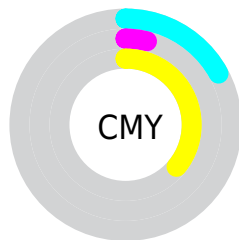
- Red (83%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (77%)



- Cyan (14%)
- Magenta (0%)
- Yellow (33%)
- Black (4%)



- Cyan (17%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 211, 245, 163 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 211, 245, 163 by changing the saturation by 10% instead.

 211, 245, 163

255, 255, 255

 255, 255, 219


 255, 255, 247

 211, 245, 163

 183, 216, 136

 155, 189, 110


 129, 162, 85

 103, 135, 61

 77, 110, 37

 53, 85, 11

 29, 62, 0

 1, 40, 0

 0, 16, 0

■ 211, 245, 163

■ 211, 245, 163

■ 201, 245, 139

■ 221, 245, 187

■ 191, 245, 114

■ 231, 245, 212

■ 181, 245, 90

■ 241, 245, 236

■ 170, 245, 65

■ 252, 245, 255

■ 160, 245, 41

■ 255, 245, 255

■ 150, 245, 16

■ 143, 245, 0

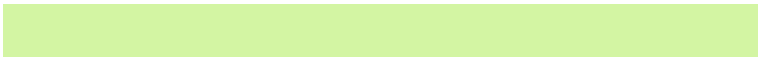
Harmonies

Analogous

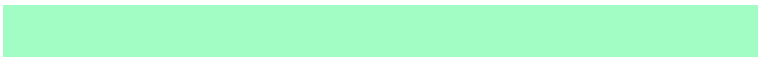
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 149



211, 245, 163



161, 253, 196

Triad

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



211, 245, 163



119, 247, 255



255, 201, 229

Complementary

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



211, 245, 163



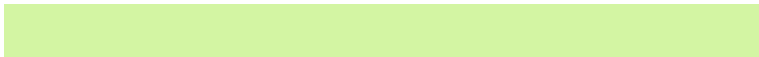
197, 163, 245

Split Complementary

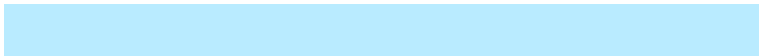
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 207, 255



211, 245, 163



185, 235, 255

Square

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



211, 245, 163



81, 254, 255



247, 220, 255



255, 206, 188

Rectangle

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



211, 245, 163



127, 255, 224



247, 220, 255



255, 202, 243

Sweetspot

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



211, 245, 163



244, 255, 230



245, 196, 163



121, 128, 112



0, 0, 0



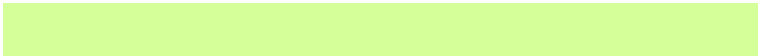
128, 128, 128

Same Dimension

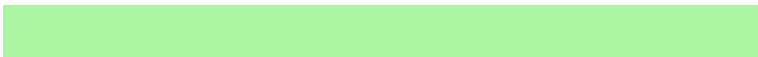
The Same Dimension uses a secret algorithm to generate beautiful new colors.



211, 245, 163



213, 255, 153



171, 245, 163



117, 122, 110



109, 186, 0



34, 59, 0

Inverse Universe

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



197, 163, 245



195, 153, 255



237, 163, 245



115, 110, 122



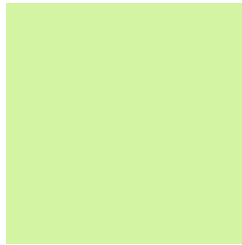
77, 0, 186



24, 0, 59

Previews

White Background



This preview shows how the RGB color 211, 245, 163 looks on a white background.

Color Contrast Check

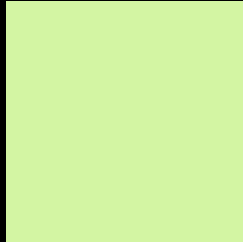
Large Text (above 18pt) WCAG AA × Fail

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 211, 245, 163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

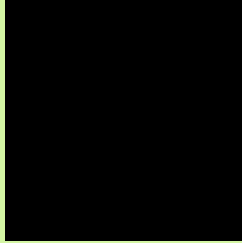
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

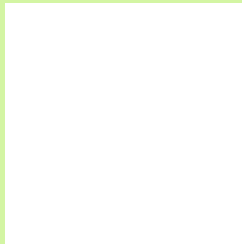
Any Text WCAG AAA ✓ Pass

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

RGB 211, 245, 163 Background



This preview shows how black text looks on a background with the RGB color 211, 245, 163.

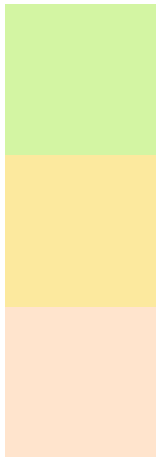


This preview shows how white text looks on a background with the RGB color 211, 245, 163.

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
211, 245, 163

Protanopia
252, 233, 158

Deuteranopia
255, 228, 205



Tritanopia

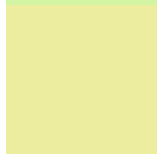
224, 234, 252

Trichromacy



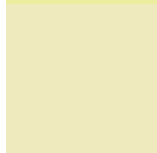
Original Color

211, 245, 163



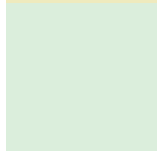
Protanomaly

237, 237, 160



Deuteranomaly

239, 234, 190



Tritanomaly

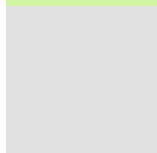
219, 238, 220

Monochromacy



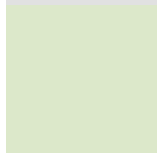
Original Color

211, 245, 163



Achromatopsia

225, 225, 225



Achromatomaly

220, 232, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 211, 245, 163 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(211, 245, 163)` looks like.

```
.text, #text, p{  
    color:rgb(211, 245, 163)  
}
```

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(211, 245, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 245, 163) }
```

Border

The CSS property to change the border of an element to RGB 211, 245, 163 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(211, 245, 163) }
```

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

```
.border{ border-color:rgb(211, 245, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 245, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 245, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 245, 163);  
box-shadow:4px 4px 4px 4px rgb(211, 245,  
163) }
```

Background

The CSS property to change the background color of an element to RGB 211, 245, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 245, 163) }
```

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

```
.background{ background-color: rgb(211,  
245, 163) }
```

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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