

Converting Colors

RGB(209, 245, 162)

Have a look what the booklet for
RGB(209, 245, 162) contains.

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Color

RGB(209, 245, 162)

Conversions

Conversions Part 1

Format	Color
Hex	D1F5A2
RGB	209, 245, 162
RGB Percent	82%, 96%, 64%
CMY	0.1804, 0.0392, 0.3647
CMYK	0.15, 0.00, 0.34, 0.04
HSL	86°, 81%, 80%
HSV	86°, 34%, 96%
XYZ	65.4685, 81.4688, 46.4569
YIQ	224.7740, 5.1870, -33.4450

Conversions

Conversions Part 2

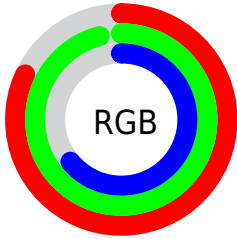
Format	Color
RYB	162, 245, 198
Decimal	13759906
CIELab	92.34, -25.41, 36.23
CIELCh	92, 44.250, 125.047
Yxy	81.4688, 0.3385, 0.4213
Android (android.graphics.Color)	4291949986 (0xFFD1F5A2)
YUV	224.7740, -30.9476, -13.8338
Hunter-Lab	90.2600, -28.4833, 32.6654

Details

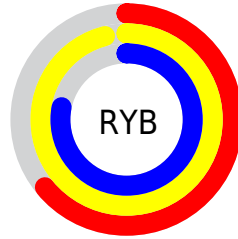
The RGB color **209, 245, 162** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **198, 162, 245**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 218**, and **153, 189, 109** is the 20% darker color. If you saturate the color by 10%, you get **198, 245, 138**, and if you desaturate by 10%, it is **220, 245, 187**.

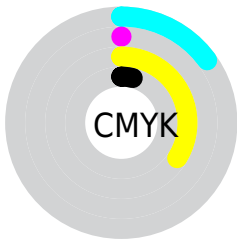
Distribution



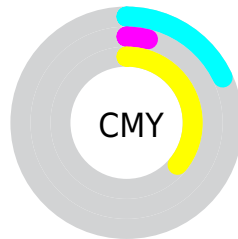
- Red (82%)
- Green (96%)
- Blue (64%)



- Red (64%)
- Yellow (96%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (34%)
- Black (4%)



- Cyan (18%)
- Magenta (4%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 245, 162 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 209, 245, 162 by changing the saturation by 10% instead.

 209, 245, 162

255, 255, 255

 255, 255, 218


 255, 255, 246

 209, 245, 162


 181, 216, 135

 153, 189, 109

 127, 162, 84

 101, 135, 60

 75, 110, 36

 51, 85, 9

 27, 62, 0

 0, 40, 0

 0, 15, 0

■ 209, 245, 162

■ 209, 245, 162

■ 198, 245, 138

■ 220, 245, 187

■ 188, 245, 113

■ 230, 245, 211

■ 177, 245, 88

■ 241, 245, 236

■ 166, 245, 64

■ 252, 245, 255

■ 156, 245, 40

■ 255, 245, 255

■ 145, 245, 15

■ 139, 245, 0

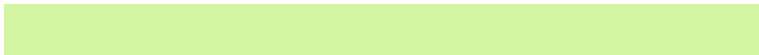
Harmonies

Analogous

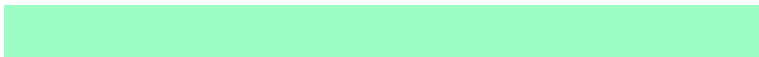
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



255, 233, 148



209, 245, 162



158, 253, 196

Triad

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



209, 245, 162



116, 247, 255



255, 200, 227

Complementary

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



209, 245, 162



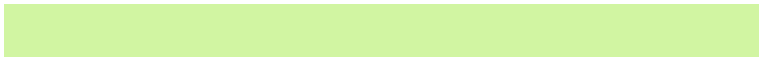
198, 162, 245

Split Complementary

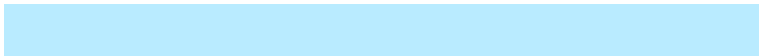
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 206, 255



209, 245, 162



185, 235, 255

Square

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



209, 245, 162



74, 254, 255



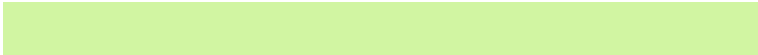
248, 219, 255



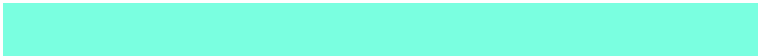
255, 205, 186

Rectangle

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



209, 245, 162



122, 255, 224



248, 219, 255



255, 201, 242

Sweetspot

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



209, 245, 162



244, 255, 230



245, 198, 162



121, 128, 112



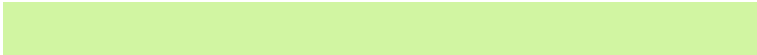
0, 0, 0



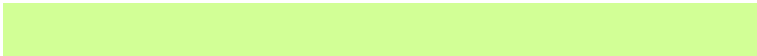
128, 128, 128

Same Dimension

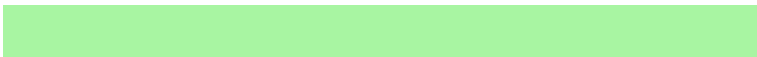
The Same Dimension uses a secret algorithm to generate beautiful new colors.



209, 245, 162



210, 255, 150



168, 245, 162



117, 122, 110



105, 186, 0



33, 59, 0

Inverse Universe

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



198, 162, 245



196, 150, 255



239, 162, 245



115, 110, 122



81, 0, 186



25, 0, 59

Previews

White Background



This preview shows how the RGB color 209, 245, 162 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 209, 245, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

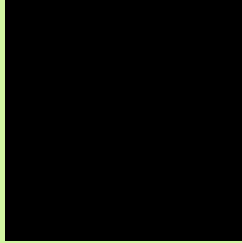
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

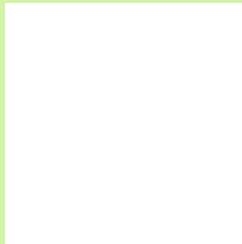
Any Text WCAG AAA ✓ Pass

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

RGB 209, 245, 162 Background



This preview shows how black text looks on a background with the RGB color 209, 245, 162.

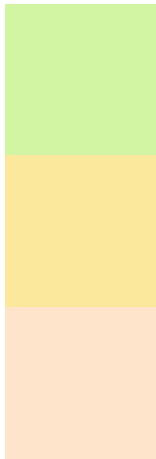


This preview shows how white text looks on a background with the RGB color 209, 245, 162.

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
209, 245, 162

Protanopia
252, 232, 157

Deuteranopia
255, 228, 204



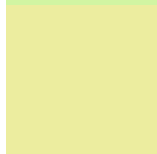
Tritanopia
222, 234, 252

Trichromacy



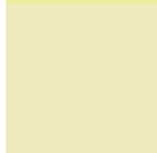
Original Color

209, 245, 162



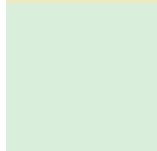
Protanomaly

236, 237, 159



Deuteranomaly

238, 234, 189



Tritanomaly

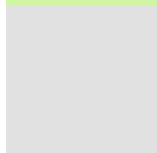
217, 238, 219

Monochromacy



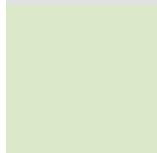
Original Color

209, 245, 162



Achromatopsia

225, 225, 225



Achromatomaly

219, 232, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 245, 162 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(209, 245, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 245, 162)  
}
```

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(209, 245, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 245, 162) }
```

Border

The CSS property to change the border of an element to RGB 209, 245, 162 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(209, 245, 162) }
```

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

```
.border{ border-color:rgb(209, 245, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 245, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 245, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 245, 162);  
box-shadow:4px 4px 4px 4px rgb(209, 245,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 209, 245, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 245, 162) }
```

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

```
.background{ background-color: rgb(209,  
245, 162) }
```

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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