

Converting Colors

RGB(209, 226, 149)

Have a look what the booklet for
RGB(209, 226, 149) contains.

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Color

RGB(209, 226, 149)

Conversions

Conversions Part 1

Format	Color
Hex	D1E295
RGB	209, 226, 149
RGB Percent	82%, 89%, 58%
CMY	0.1804, 0.1137, 0.4157
CMYK	0.08, 0.00, 0.34, 0.11
HSL	73°, 57%, 74%
HSV	73°, 34%, 89%
XYZ	58.9157, 70.1179, 38.8627
YIQ	212.1390, 14.5850, -27.5510

Conversions

Conversions Part 2

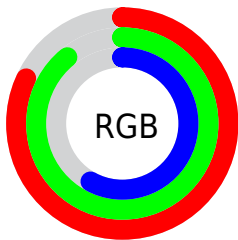
Format	Color
RYB	149, 226, 166
Decimal	13755029
CIELab	87.05, -17.88, 35.81
CIELCh	87, 40.028, 116.536
Yxy	70.1179, 0.3509, 0.4176
Android (android.graphics.Color)	4291945109 (0xFFD1E295)
YUV	212.1390, -31.1275, -2.7529
Hunter-Lab	83.7365, -20.9490, 31.0986

Details

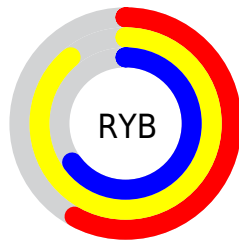
The RGB color **209, 226, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **166, 149, 226**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **255, 255, 204**, and **154, 171, 97** is the 20% darker color. If you saturate the color by 10%, you get **204, 226, 126**, and if you desaturate by 10%, it is **214, 226, 172**.

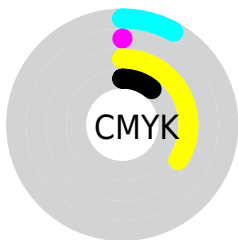
Distribution



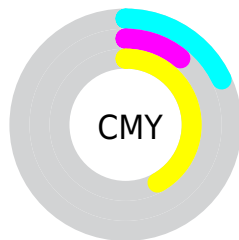
- Red (82%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 226, 149 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, 226, 149 by changing the saturation by 10% instead.


 209, 226, 149

255, 255, 255

 255, 255, 204


 255, 255, 232

 209, 226, 149

 181, 198, 123

 154, 171, 97

 127, 144, 72

 101, 119, 48

 76, 94, 24

 52, 70, 0

 29, 48, 0

 0, 28, 0

 0, 0, 0

 209, 226, 149

 209, 226, 149

 204, 226, 126

 214, 226, 172

 199, 226, 104

 219, 226, 194

 194, 226, 81


 224, 226, 217

 189, 226, 59

 229, 226, 239

 184, 226, 36

 234, 226, 255

 179, 226, 13

 239, 226, 255

 176, 226, 0

 244, 226, 255

 249, 226, 255

 254, 226, 255

Harmonies

Analogous

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



248, 214, 142



209, 226, 149



165, 234, 175

Triad

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



209, 226, 149



104, 233, 255



255, 190, 224

Complementary

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



209, 226, 149



166, 149, 226

Split Complementary

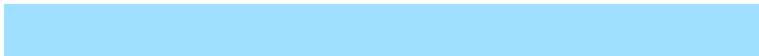
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 197, 255



209, 226, 149



159, 223, 255

Square

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



209, 226, 149



86, 238, 251



217, 210, 255



255, 191, 186

Rectangle

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



209, 226, 149



134, 238, 199



217, 210, 255



255, 191, 237

Sweetspot

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



209, 226, 149



249, 255, 230



226, 166, 149



124, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



209, 226, 149



232, 255, 150



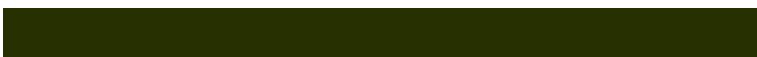
171, 226, 149



110, 112, 101



137, 176, 0



38, 48, 0

Inverse Universe

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



166, 149, 226



174, 150, 255



204, 149, 226



103, 101, 112



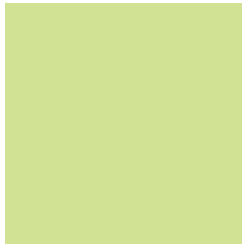
39, 0, 176



11, 0, 48

Previews

White Background



This preview shows how the RGB color 209, 226, 149 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, 226, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

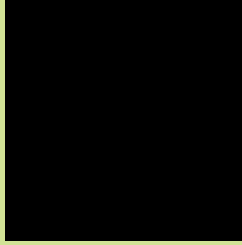
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

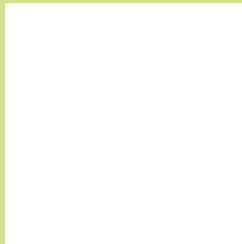
Any Text WCAG AAA ✓ Pass

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

RGB 209, 226, 149 Background



This preview shows how black text looks on a background with the RGB color 209, 226, 149.

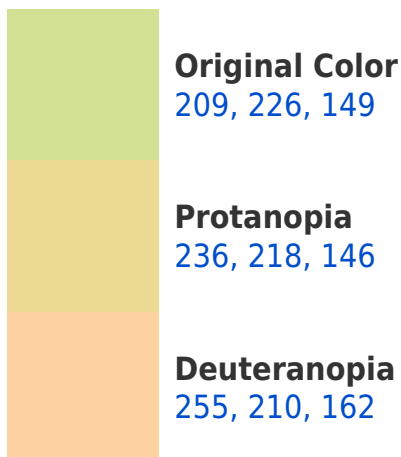


This preview shows how white text looks on a background with the RGB color 209, 226, 149.

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](#).

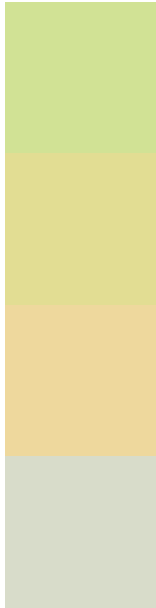
Dichromacy





Tritanopia
220, 216, 233

Trichromacy



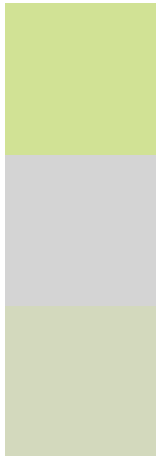
Original Color
209, 226, 149

Protanomaly
226, 221, 147

Deuteranomaly
238, 216, 157

Tritanomaly
216, 220, 202

Monochromacy



Original Color
209, 226, 149

Achromatopsia
212, 212, 212

Achromatomaly
211, 217, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 226, 149 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, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 226, 149)  
}
```

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, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 226, 149) }
```

Border

The CSS property to change the border of an element to RGB 209, 226, 149 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, 226, 149) }
```

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

```
.border{ border-color:rgb(209, 226, 149) }
```

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

Here you see how a box with a 4 pixel rgb(209, 226, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(209, 226,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 209, 226, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 226, 149) }
```

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

```
.background{ background-color: rgb(209,  
226, 149) }
```

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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