

Converting Colors

RGB(169, 214, 153)

Have a look what the booklet for
RGB(169, 214, 153) contains.

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Color

RGB(169, 214, 153)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A9D699 |
| RGB | 169, 214, 153 |
| RGB Percent | 66%, 84%, 60% |
| CMY | 0.3373, 0.1608, 0.4000 |
| CMYK | 0.21, 0.00, 0.29, 0.16 |
| HSL | 104°, 43%, 72% |
| HSV | 104°, 29%, 84% |
| XYZ | 46.1585, 58.8281, 39.0591 |
| YIQ | 193.5910, -7.2390, -28.5110 |

Conversions

Conversions Part 2

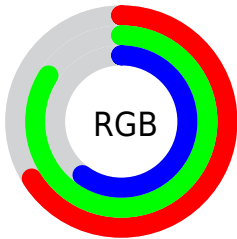
| Format | Color |
|-------------------------------------|--|
| RYB | 153, 214, 198 |
| Decimal | 11130521 |
| CIELab | 81.20, -25.94, 25.47 |
| CIELCh | 81, 36.355, 135.519 |
| Yxy | 58.8281, 0.3204, 0.4084 |
| Android (android.graphics.Color) | 4289320601 (0xFFA9D699) |
| YUV | 193.5910, -20.0114, -21.5663 |
| Hunter-Lab | 76.6995, -26.8009, 23.4962 |

Details

The RGB color **169, 214, 153** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **198, 153, 214**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **225, 255, 208**, and **116, 159, 101** is the 20% darker color. If you saturate the color by 10%, you get **153, 214, 132**, and if you desaturate by 10%, it is **185, 214, 174**.

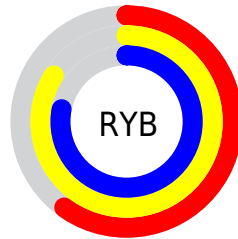
Distribution



Red (66%)

Green (84%)

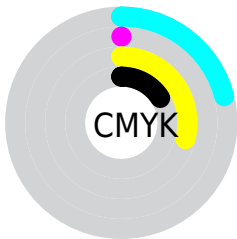
Blue (60%)



Red (60%)

Yellow (84%)

Blue (78%)

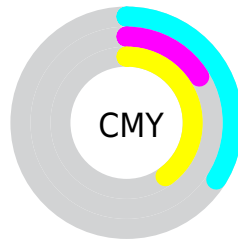


Cyan (21%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 214, 153 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 169, 214, 153 by changing the saturation by 10% instead.


 169, 214, 153

255, 255, 255


 225, 255, 208


 254, 255, 236


 169, 214, 153

 142, 186, 127

 116, 159, 101

 90, 133, 77

 66, 107, 54

 41, 83, 31

 16, 59, 8

 0, 37, 0

 0, 8, 0

 0, 0, 0


 169, 214, 153

 169, 214, 153

 153, 214, 132


 185, 214, 174

 137, 214, 110

 201, 214, 196

 122, 214, 89

 216, 214, 217

 106, 214, 67


 232, 214, 239

 90, 214, 46

 248, 214, 255

 74, 214, 25

 255, 214, 255

 58, 214, 3

 56, 214, 0

Harmonies

Analogous

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



207, 205, 135



169, 214, 153



129, 219, 184

Triad

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



169, 214, 153



131, 210, 255



255, 176, 185

Complementary

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



169, 214, 153



198, 153, 214

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, 178, 220



169, 214, 153



183, 199, 255

Square

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



169, 214, 153



91, 217, 249



228, 187, 250



255, 183, 155

Rectangle

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



169, 214, 153



104, 220, 207



228, 187, 250



255, 176, 197

Sweetspot

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



169, 214, 153



238, 255, 232



214, 198, 153



117, 128, 113



0, 0, 0



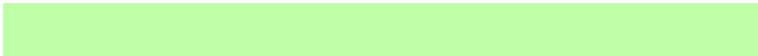
128, 128, 128

Same Dimension

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



169, 214, 153



191, 255, 168



153, 214, 167



99, 107, 96



45, 171, 0



11, 43, 0

Inverse Universe

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



198, 153, 214



232, 168, 255



214, 153, 200



104, 96, 107



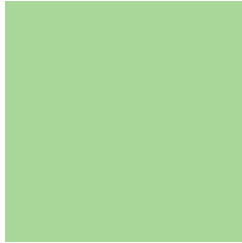
126, 0, 171



32, 0, 43

Previews

White Background



This preview shows how the RGB color 169, 214, 153 looks on a white background.

Color Contrast Check

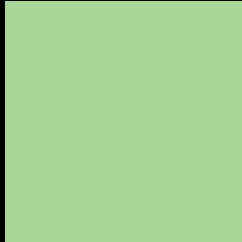
Large Text (above 18pt) WCAG AA × Fail

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 169, 214, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

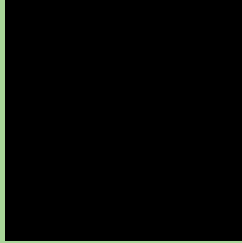
Any Text WCAG AA ✓ Pass

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 169, 214, 153 Background



This preview shows how black text looks on a background with the RGB color 169, 214, 153.

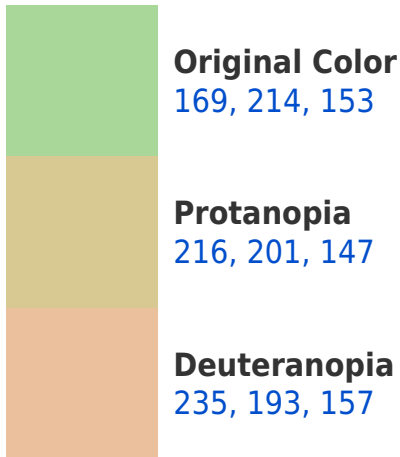


This preview shows how white text looks on a background with the RGB color 169, 214, 153.

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](#).

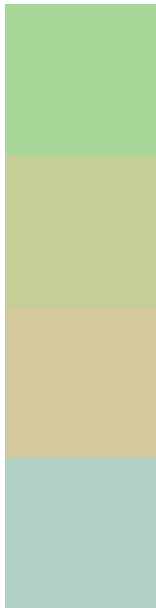
Dichromacy





Tritanopia
180, 205, 221

Trichromacy



Original Color
169, 214, 153

Protanomaly
199, 206, 149

Deuteranomaly
211, 201, 156

Tritanomaly
176, 208, 196

Monochromacy



Original Color
169, 214, 153

Achromatopsia
194, 194, 194

Achromatomaly
185, 201, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 214, 153 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(169, 214, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 214, 153)  
}
```

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(169, 214, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 214, 153) }
```

Border

The CSS property to change the border of an element to RGB 169, 214, 153 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(169, 214, 153) }
```

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

```
.border{ border-color:rgb(169, 214, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 214, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 214, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 214, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 214,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 169, 214, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 214, 153) }
```

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

```
.background{ background-color: rgb(169,  
214, 153) }
```

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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