

Converting Colors

RGB(168, 209, 151)

Have a look what the booklet for
RGB(168, 209, 151) contains.

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Color

RGB(168, 209, 151)

Conversions

Conversions Part 1

Format	Color
Hex	A8D197
RGB	168, 209, 151
RGB Percent	66%, 82%, 59%
CMY	0.3412, 0.1804, 0.4078
CMYK	0.20, 0.00, 0.28, 0.18
HSL	102°, 39%, 71%
HSV	102°, 28%, 82%
XYZ	44.5348, 56.1601, 37.7709
YIQ	190.1290, -5.8180, -26.7300

Conversions

Conversions Part 2

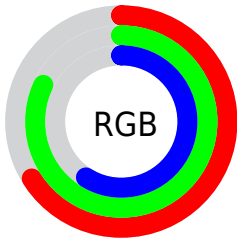
Format	Color
RYB	151, 209, 192
Decimal	11063703
CIELab	79.70, -24.17, 24.48
CIELCh	80, 34.402, 134.635
Yxy	56.1601, 0.3216, 0.4056
Android (android.graphics.Color)	4289253783 (0xFFA8D197)
YUV	190.1290, -19.2906, -19.4071
Hunter-Lab	74.9401, -25.0674, 22.5750

Details

The RGB color **168, 209, 151** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 151, 209**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **224, 255, 206**, and **115, 154, 100** is the 20% darker color. If you saturate the color by 10%, you get **153, 209, 130**, and if you desaturate by 10%, it is **183, 209, 172**.

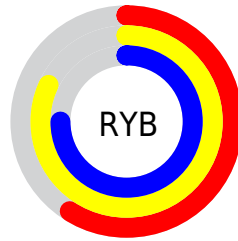
Distribution



Red (66%)

Green (82%)

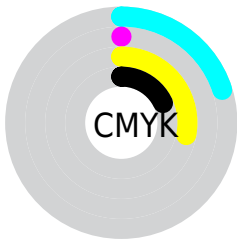
Blue (59%)



Red (59%)

Yellow (82%)

Blue (75%)

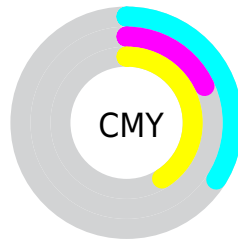


Cyan (20%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (34%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 209, 151 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 168, 209, 151 by changing the saturation by 10% instead.


 168, 209, 151

255, 255, 255


 224, 255, 206

 253, 255, 234


 168, 209, 151

 141, 181, 125

 115, 154, 100

 90, 128, 75

 65, 103, 52

 41, 79, 30

 17, 56, 7

 0, 34, 0

 0, 0, 0

 168, 209, 151

 168, 209, 151

 153, 209, 130

 183, 209, 172

 138, 209, 109

 198, 209, 193

 124, 209, 88

 212, 209, 214

 109, 209, 67

 227, 209, 235


 94, 209, 47

 242, 209, 255

 79, 209, 26

 255, 209, 255

 65, 209, 5

 61, 209, 0

Harmonies

Analogous

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



204, 201, 135



168, 209, 151



130, 214, 179

Triad

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



168, 209, 151



131, 205, 255



255, 174, 183

Complementary

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



168, 209, 151



192, 151, 209

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.



250, 175, 215



168, 209, 151



179, 195, 255

Square

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



168, 209, 151



96, 212, 242



222, 184, 243



255, 180, 154

Rectangle

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



168, 209, 151



108, 215, 202



222, 184, 243



255, 173, 194

Sweetspot

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



168, 209, 151



241, 255, 235



209, 192, 151



118, 128, 115



0, 0, 0



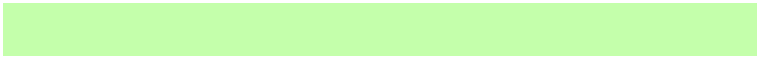
128, 128, 128

Same Dimension

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



168, 209, 151



196, 255, 171



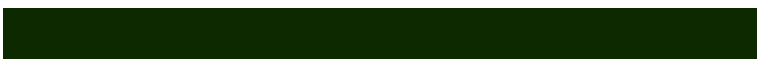
151, 209, 163



97, 105, 94



49, 168, 0



12, 41, 0

Inverse Universe

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



192, 151, 209



230, 171, 255



209, 151, 197



101, 94, 105



119, 0, 168



29, 0, 41

Previews

White Background



This preview shows how the RGB color 168, 209, 151 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 168, 209, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

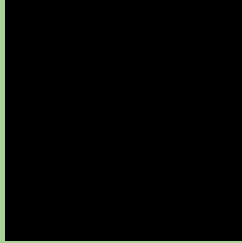
Any Text WCAG AA ✓ Pass

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 168, 209, 151 Background



This preview shows how black text looks on a background with the RGB color 168, 209, 151.

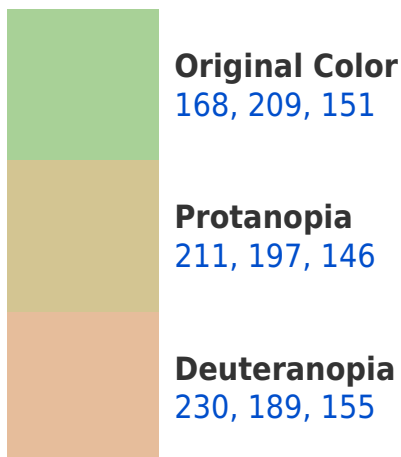


This preview shows how white text looks on a background with the RGB color 168, 209, 151.

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](#).

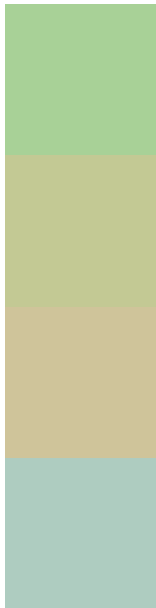
Dichromacy





Tritanopia
178, 201, 216

Trichromacy



Original Color
168, 209, 151

Protanomaly
195, 201, 148

Deuteranomaly
207, 196, 154

Tritanomaly
174, 204, 192

Monochromacy



Original Color
168, 209, 151

Achromatopsia
190, 190, 190

Achromatomaly
182, 197, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 209, 151 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(168, 209, 151)` looks like.

```
.text, #text, p{  
    color:rgb(168, 209, 151)  
}
```

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(168, 209, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 209, 151) }
```

Border

The CSS property to change the border of an element to RGB 168, 209, 151 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(168, 209, 151) }
```

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

```
.border{ border-color:rgb(168, 209, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 209, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 209, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 209, 151);  
box-shadow:4px 4px 4px 4px rgb(168, 209,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 168, 209, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 209, 151) }
```

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

```
.background{ background-color: rgb(168,  
209, 151) }
```

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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