

Converting Colors

RGB(189, 203, 151)

Have a look what the booklet for
RGB(189, 203, 151) contains.

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Color

RGB(189, 203, 151)

Conversions

Conversions Part 1

Format	Color
Hex	BDCB97
RGB	189, 203, 151
RGB Percent	74%, 80%, 59%
CMY	0.2588, 0.2039, 0.4078
CMYK	0.07, 0.00, 0.26, 0.20
HSL	76°, 33%, 69%
HSV	76°, 26%, 80%
XYZ	47.9281, 55.7651, 37.5158
YIQ	192.8860, 8.3480, -19.1400

Conversions

Conversions Part 2

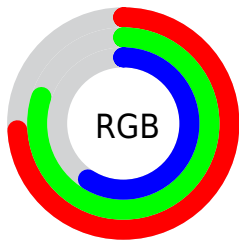
Format	Color
RYB	151, 203, 165
Decimal	12438423
CIELab	79.48, -13.58, 24.41
CIELCh	79, 27.932, 119.085
Yxy	55.7651, 0.3394, 0.3949
Android (android.graphics.Color)	4290628503 (0xFFBDCB97)
YUV	192.8860, -20.6498, -3.4080
Hunter-Lab	74.6760, -16.1192, 22.4870

Details

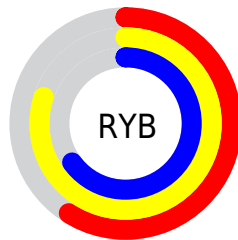
The RGB color **189, 203, 151** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **165, 151, 203**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **246, 255, 205**, and **135, 149, 100** is the 20% darker color. If you saturate the color by 10%, you get **184, 203, 131**, and if you desaturate by 10%, it is **194, 203, 171**.

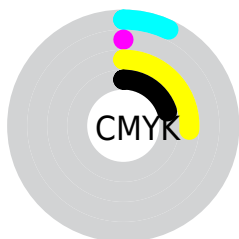
Distribution



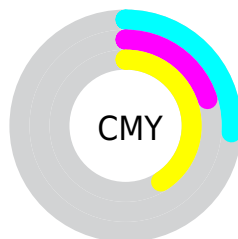
- Red (74%)
- Green (80%)
- Blue (59%)



- Red (59%)
- Yellow (80%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 203, 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 189, 203, 151 by changing the saturation by 10% instead.


 189, 203, 151

255, 255, 255

 246, 255, 205

 255, 255, 234


 189, 203, 151

 162, 176, 125

 135, 149, 100

 109, 123, 75

 85, 98, 52

 61, 74, 30

 38, 52, 7

 16, 31, 0

 0, 0, 0

 189, 203, 151


 189, 203, 151

 184, 203, 131

 194, 203, 171

 178, 203, 110

 200, 203, 192

 173, 203, 90

 205, 203, 212

 167, 203, 70

 211, 203, 232

 162, 203, 50

 216, 203, 253

 156, 203, 29

 222, 203, 255

 151, 203, 9

 227, 203, 255

 148, 203, 0

 233, 203, 255

 238, 203, 255

Harmonies

Analogous

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



217, 195, 145



189, 203, 151



159, 209, 169

Triad

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



189, 203, 151



132, 207, 241



247, 178, 199

Complementary

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



189, 203, 151



165, 151, 203

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.



230, 182, 224



189, 203, 151



164, 200, 248

Square

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



189, 203, 151



120, 211, 221



200, 191, 242



249, 180, 173

Rectangle

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



189, 203, 151



141, 211, 186



200, 191, 242



243, 179, 208

Sweetspot

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



189, 203, 151



250, 255, 235



203, 165, 151



124, 128, 115



0, 0, 0



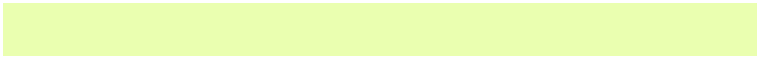
128, 128, 128

Same Dimension

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



189, 203, 151



234, 255, 176



163, 203, 151



99, 102, 92



121, 166, 0



28, 38, 0

Inverse Universe

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



165, 151, 203



197, 176, 255



191, 151, 203



95, 92, 102



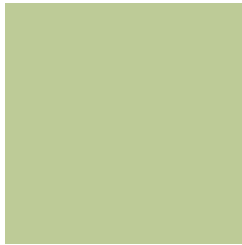
45, 0, 166



10, 0, 38

Previews

White Background



This preview shows how the RGB color 189, 203, 151 looks on a white background.

Color Contrast Check

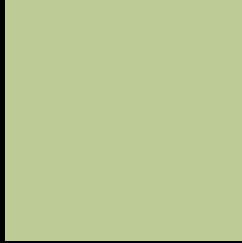
Large Text (above 18pt) WCAG AA × Fail

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 189, 203, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

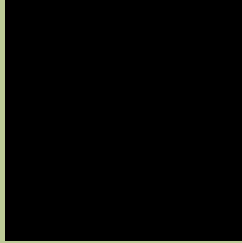
Any Text WCAG AA ✓ Pass

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 189, 203, 151 Background



This preview shows how black text looks on a background with the RGB color 189, 203, 151.




This preview shows how white text looks on a background with the RGB color 189, 203, 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](#).

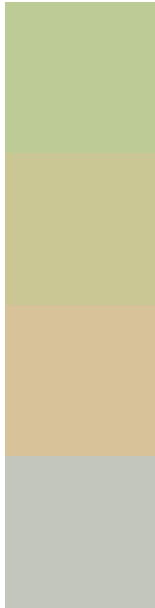
Dichromacy





Tritanopia
197, 195, 211

Trichromacy



Original Color
189, 203, 151

Protanomaly
203, 199, 149

Deuteranomaly
215, 194, 153

Tritanomaly
194, 198, 189

Monochromacy



Original Color
189, 203, 151

Achromatopsia
193, 193, 193

Achromatomaly
192, 197, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 203, 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(189, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 203, 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(189, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 203, 151) }
```

Border

The CSS property to change the border of an element to RGB 189, 203, 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(189, 203, 151) }
```

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

```
.border{ border-color:rgb(189, 203, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 203, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 203, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 203, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 203,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 189, 203, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 203, 151) }
```

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

```
.background{ background-color: rgb(189,  
203, 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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