

Converting Colors

RGB(189, 212, 155)

Have a look what the booklet for
RGB(189, 212, 155) contains.

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Color

RGB(189, 212, 155)

Conversions

Conversions Part 1

Format	Color
Hex	BDD49B
RGB	189, 212, 155
RGB Percent	74%, 83%, 61%
CMY	0.2588, 0.1686, 0.3922
CMYK	0.11, 0.00, 0.27, 0.17
HSL	84°, 40%, 72%
HSV	84°, 27%, 83%
XYZ	50.4461, 60.2723, 39.9853
YIQ	198.6250, 4.5890, -22.6030

Conversions

Conversions Part 2

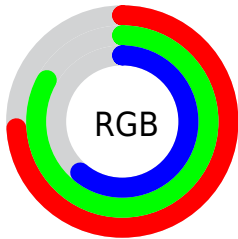
Format	Color
RYB	155, 212, 178
Decimal	12440731
CIELab	81.99, -17.53, 25.72
CIELCh	82, 31.125, 124.277
Yxy	60.2723, 0.3347, 0.3999
Android (android.graphics.Color)	4290630811 (0xFFBDD49B)
YUV	198.6250, -21.5071, -8.4411
Hunter-Lab	77.6353, -19.8753, 23.8080

Details

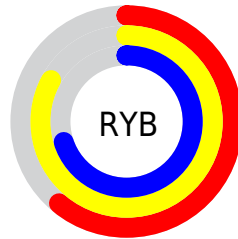
The RGB color **189, 212, 155** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **178, 155, 212**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **246, 255, 210**, and **135, 157, 103** is the 20% darker color. If you saturate the color by 10%, you get **180, 212, 134**, and if you desaturate by 10%, it is **198, 212, 176**.

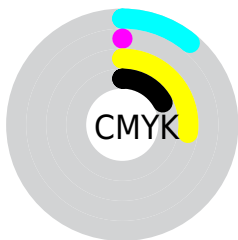
Distribution



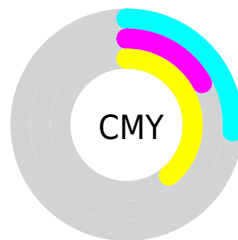
- Red (74%)
- Green (83%)
- Blue (61%)



- Red (61%)
- Yellow (83%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (17%)



- Cyan (26%)
- Magenta (17%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 212, 155 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, 212, 155 by changing the saturation by 10% instead.


 189, 212, 155

255, 255, 255

 246, 255, 210


 255, 255, 238

 189, 212, 155

 162, 184, 129

 135, 157, 103

 109, 131, 79

 84, 106, 55

 60, 82, 33

 37, 59, 10

 17, 37, 0

 0, 13, 0

 0, 0, 0

 189, 212, 155


 189, 212, 155

 180, 212, 134


 198, 212, 176

 172, 212, 113


 206, 212, 197

 163, 212, 91

 215, 212, 219

 155, 212, 70

 223, 212, 240

 146, 212, 49

 232, 212, 255

 138, 212, 28

 240, 212, 255

 129, 212, 7

 249, 212, 255

 126, 212, 0

 255, 212, 255

Harmonies

Analogous

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



221, 203, 146



189, 212, 155



155, 218, 178

Triad

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



189, 212, 155



134, 214, 255



255, 182, 201

Complementary

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



189, 212, 155



178, 155, 212

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.



245, 186, 230



189, 212, 155



173, 205, 255

Square

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



189, 212, 155



115, 219, 236



214, 195, 252



255, 185, 172

Rectangle

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



189, 212, 155



135, 220, 197



214, 195, 252



255, 183, 211

Sweetspot

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



189, 212, 155



247, 255, 235



212, 178, 155



122, 128, 115



0, 0, 0



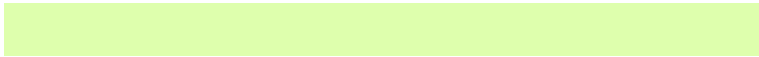
128, 128, 128

Same Dimension

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



189, 212, 155



222, 255, 173



161, 212, 155



103, 107, 96



102, 171, 0



26, 43, 0

Inverse Universe

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



178, 155, 212



206, 173, 255



206, 155, 212



101, 96, 107



69, 0, 171



17, 0, 43

Previews

White Background



This preview shows how the RGB color 189, 212, 155 looks on a white background.

Color Contrast Check

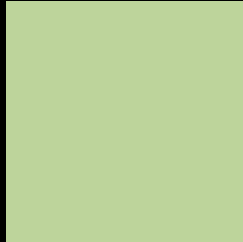
Large Text (above 18pt) WCAG AA × Fail

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, 212, 155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

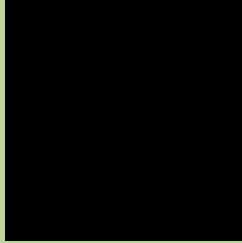
Any Text WCAG AA ✓ Pass

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, 212, 155 Background



This preview shows how black text looks on a background with the RGB color 189, 212, 155.



This preview shows how white text looks on a background with the RGB color 189, 212, 155.

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
189, 212, 155

Protanopia
218, 203, 151

Deuteranopia
238, 195, 159



Tritanopia
198, 204, 220

Trichromacy



Original Color
189, 212, 155

Protanomaly
207, 206, 152

Deuteranomaly
220, 201, 158

Tritanomaly
195, 207, 196

Monochromacy



Original Color
189, 212, 155

Achromatopsia
199, 199, 199

Achromatomaly
195, 204, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 212, 155 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, 212, 155)` looks like.

```
.text, #text, p{  
    color:rgb(189, 212, 155)  
}
```

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, 212, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 212, 155) }
```

Border

The CSS property to change the border of an element to RGB 189, 212, 155 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, 212, 155) }
```

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

```
.border{ border-color:rgb(189, 212, 155) }
```

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

Here you see how a box with a 4 pixel rgb(189, 212, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 212, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 212, 155);  
box-shadow:4px 4px 4px 4px rgb(189, 212,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 189, 212, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 212, 155) }
```

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

```
.background{ background-color: rgb(189,  
212, 155) }
```

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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