

Converting Colors

RGB(189, 219, 158)

Have a look what the booklet for
RGB(189, 219, 158) contains.

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Color

RGB(189, 219, 158)

Conversions

Conversions Part 1

Format	Color
Hex	BDDDB9E
RGB	189, 219, 158
RGB Percent	74%, 86%, 62%
CMY	0.2588, 0.1412, 0.3804
CMYK	0.14, 0.00, 0.28, 0.14
HSL	90°, 46%, 74%
HSV	90°, 28%, 86%
XYZ	52.4893, 63.9505, 41.9249
YIQ	203.0760, 1.7010, -25.3310

Conversions

Conversions Part 2

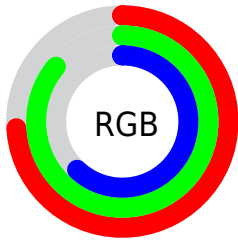
Format	Color
RYB	158, 219, 188
Decimal	12442526
CIELab	83.94, -20.56, 26.81
CIELCh	84, 33.784, 127.483
Yxy	63.9505, 0.3314, 0.4038
Android (android.graphics.Color)	4290632606 (0xFFBDDDB9E)
YUV	203.0760, -22.2225, -12.3447
Hunter-Lab	79.9690, -22.7836, 24.8947

Details

The RGB color **189, 219, 158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 158, 219**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **246, 255, 213**, and **135, 164, 106** is the 20% darker color. If you saturate the color by 10%, you get **178, 219, 136**, and if you desaturate by 10%, it is **200, 219, 180**.

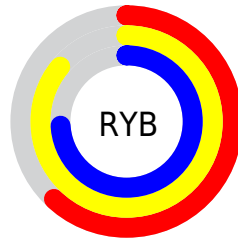
Distribution



Red (74%)

Green (86%)

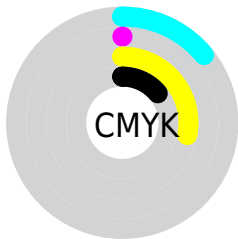
Blue (62%)



Red (62%)

Yellow (86%)

Blue (74%)

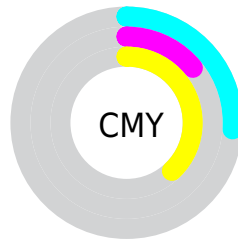


Cyan (14%)

Magenta (0%)

Yellow (28%)

Black (14%)



Cyan (26%)

Magenta (14%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 219, 158 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, 219, 158 by changing the saturation by 10% instead.


 189, 219, 158

255, 255, 255

 246, 255, 213


 255, 255, 241

 189, 219, 158

 162, 191, 132

 135, 164, 106

 109, 138, 81

 84, 112, 58

 60, 88, 35

 36, 64, 12

 16, 42, 0

 0, 22, 0

 0, 0, 0


 189, 219, 158

 189, 219, 158

 178, 219, 136


 200, 219, 180

 167, 219, 114


 211, 219, 202

 157, 219, 92


 221, 219, 224

 146, 219, 70


 232, 219, 246

 135, 219, 49


 243, 219, 255

 124, 219, 27

 254, 219, 255

 114, 219, 5

 255, 219, 255

 111, 219, 0

Harmonies

Analogous

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



224, 210, 146



189, 219, 158



152, 225, 184

Triad

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



189, 219, 158



135, 219, 255



255, 186, 202

Complementary

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



189, 219, 158



188, 158, 219

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, 189, 234



189, 219, 158



180, 210, 255

Square

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



189, 219, 158



110, 225, 247



224, 198, 255



255, 190, 172

Rectangle

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



189, 219, 158



129, 227, 205



224, 198, 255



255, 186, 213

Sweetspot

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



189, 219, 158



245, 255, 235



219, 187, 158



121, 128, 115



0, 0, 0



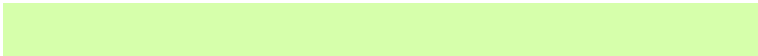
128, 128, 128

Same Dimension

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



189, 219, 158



214, 255, 171



159, 219, 158



104, 110, 99



88, 173, 0



23, 46, 0

Inverse Universe

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



188, 158, 219



212, 171, 255



218, 158, 219



104, 99, 110



85, 0, 173



23, 0, 46

Previews

White Background



This preview shows how the RGB color 189, 219, 158 looks on a white background.

Color Contrast Check

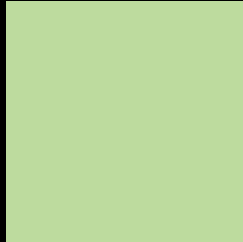
Large Text (above 18pt) WCAG AA × Fail

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, 219, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

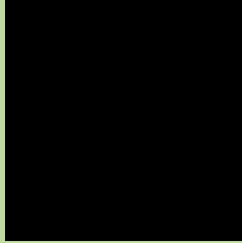
Any Text WCAG AA ✓ Pass

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, 219, 158 Background



This preview shows how black text looks on a background with the RGB color 189, 219, 158.

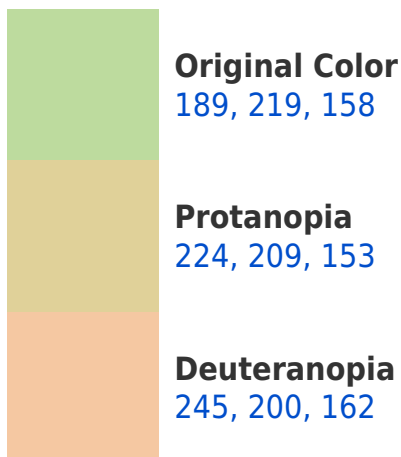


This preview shows how white text looks on a background with the RGB color 189, 219, 158.

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](#).

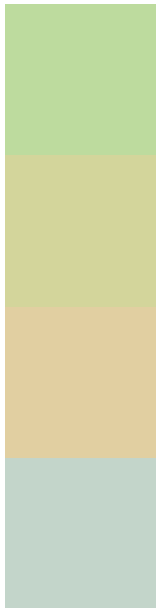
Dichromacy





Tritanopia
199, 210, 227

Trichromacy



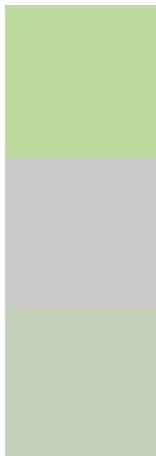
Original Color
189, 219, 158

Protanomaly
211, 213, 155

Deuteranomaly
225, 207, 161

Tritanomaly
195, 213, 202

Monochromacy



Original Color
189, 219, 158

Achromatopsia
203, 203, 203

Achromatomaly
198, 209, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 219, 158 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, 219, 158)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 158)  
}
```

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, 219, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 158) }
```

Border

The CSS property to change the border of an element to RGB 189, 219, 158 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, 219, 158) }
```

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

```
.border{ border-color:rgb(189, 219, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 158);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 189, 219, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 158) }
```

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

```
.background{ background-color: rgb(189,  
219, 158) }
```

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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