

Converting Colors

RGB(189, 213, 161)

Have a look what the booklet for
RGB(189, 213, 161) contains.

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Color

RGB(189, 213, 161)

Conversions

Conversions Part 1

Format	Color
Hex	BDD5A1
RGB	189, 213, 161
RGB Percent	74%, 84%, 63%
CMY	0.2588, 0.1647, 0.3686
CMYK	0.11, 0.00, 0.24, 0.16
HSL	88°, 38%, 73%
HSV	88°, 24%, 84%
XYZ	51.2135, 60.9805, 42.7894
YIQ	199.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

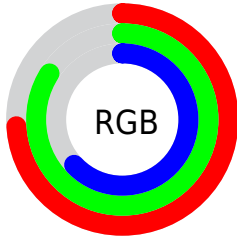
Format	Color
RYB	161, 213, 185
Decimal	12440993
CIELab	82.37, -17.13, 23.11
CIElCh	82, 28.766, 126.559
Yxy	60.9805, 0.3304, 0.3935
Android (android.graphics.Color)	4290631073 (0xFFBDD5A1)
YUV	199.8960, -19.1757, -9.5558
Hunter-Lab	78.0900, -19.5925, 22.1751

Details

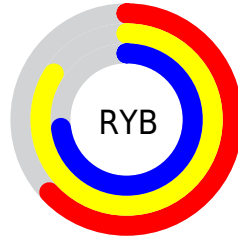
The RGB color **189, 213, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **185, 161, 213**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **246, 255, 216**, and **135, 158, 109** is the 20% darker color. If you saturate the color by 10%, you get **179, 213, 140**, and if you desaturate by 10%, it is **199, 213, 182**.

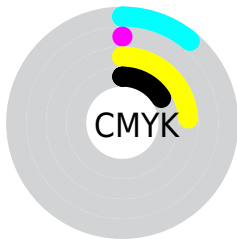
Distribution



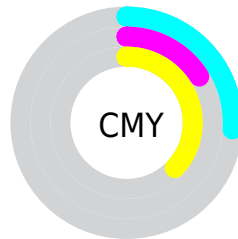
- Red (74%)
- Green (84%)
- Blue (63%)



- Red (63%)
- Yellow (84%)
- Blue (73%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (16%)



- Cyan (26%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 213, 161 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, 213, 161 by changing the saturation by 10% instead.


 189, 213, 161

255, 255, 255

 246, 255, 216

 255, 255, 245


 189, 213, 161

 162, 185, 135

 135, 158, 109

 109, 132, 84

 85, 107, 61

 61, 83, 38

 38, 59, 17

 18, 37, 0

 0, 15, 0

 0, 0, 0

 189, 213, 161


 189, 213, 161

 179, 213, 140


 199, 213, 182

 169, 213, 118


 209, 213, 204

 160, 213, 97


 218, 213, 225

 150, 213, 76


 228, 213, 246

 140, 213, 54


 238, 213, 255

 130, 213, 33

 248, 213, 255

 120, 213, 12

 255, 213, 255

 115, 213, 0

Harmonies

Analogous

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



219, 205, 151



189, 213, 161



158, 218, 183

Triad

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



189, 213, 161



145, 214, 254



255, 185, 200

Complementary

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



189, 213, 161



185, 161, 213

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, 188, 227



189, 213, 161



180, 205, 255

Square

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



189, 213, 161



126, 219, 236



217, 196, 248



255, 188, 174

Rectangle

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



189, 213, 161



140, 220, 201



217, 196, 248



255, 186, 209

Sweetspot

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



189, 213, 161



247, 255, 237



213, 184, 161



123, 128, 117



0, 0, 0



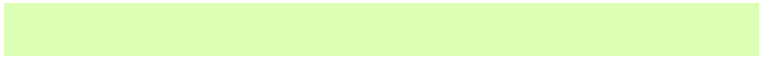
128, 128, 128

Same Dimension

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



189, 213, 161



221, 255, 181



164, 213, 161



102, 107, 96



92, 171, 0



23, 43, 0

Inverse Universe

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



185, 161, 213



215, 181, 255



210, 161, 213



101, 96, 107



79, 0, 171



20, 0, 43

Previews

White Background



This preview shows how the RGB color 189, 213, 161 looks on a white background.

Color Contrast Check

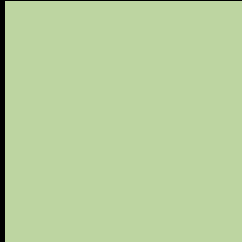
Large Text (above 18pt) WCAG AA × Fail

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, 213, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

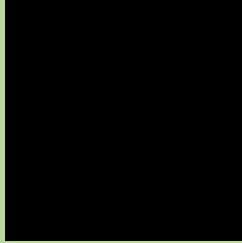
Any Text WCAG AA ✓ Pass

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, 213, 161 Background



This preview shows how black text looks on a background with the RGB color 189, 213, 161.

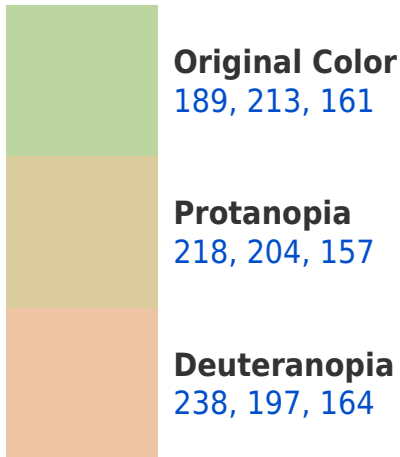


This preview shows how white text looks on a background with the RGB color 189, 213, 161.

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](#).

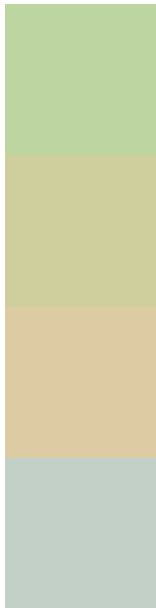
Dichromacy





Tritanopia
198, 205, 221

Trichromacy



Original Color
189, 213, 161

Protanomaly
207, 207, 158

Deuteranomaly
220, 203, 163

Tritanomaly
195, 208, 199

Monochromacy



Original Color
189, 213, 161

Achromatopsia
200, 200, 200

Achromatomaly
196, 205, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 213, 161 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, 213, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 213, 161)  
}
```

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, 213, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 213, 161) }
```

Border

The CSS property to change the border of an element to RGB 189, 213, 161 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, 213, 161) }
```

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

```
.border{ border-color:rgb(189, 213, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 213, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 213, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 213, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 213,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 189, 213, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 213, 161) }
```

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

```
.background{ background-color: rgb(189,  
213, 161) }
```

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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