

Converting Colors

RGB(186, 202, 161)

Have a look what the booklet for
RGB(186, 202, 161) contains.

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Color

RGB(186, 202, 161)

Conversions

Conversions Part 1

Format	Color
Hex	BACAA1
RGB	186, 202, 161
RGB Percent	73%, 79%, 63%
CMY	0.2706, 0.2078, 0.3686
CMYK	0.08, 0.00, 0.20, 0.21
HSL	83°, 28%, 71%
HSV	83°, 20%, 79%
XYZ	47.8033, 55.2534, 41.8637
YIQ	192.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

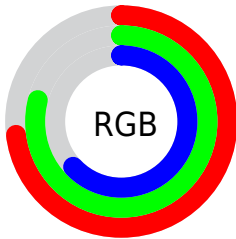
Format	Color
RYB	161, 202, 177
Decimal	12241569
CIELab	79.19, -12.66, 18.68
CIElCh	79, 22.571, 124.122
Yxy	55.2534, 0.3299, 0.3813
Android (android.graphics.Color)	4290431649 (0xFFBACAA1)
YUV	192.5420, -15.5502, -5.7373
Hunter-Lab	74.3326, -15.2888, 18.6411

Details

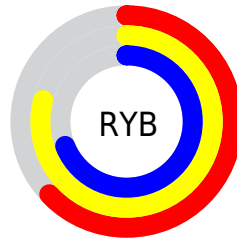
The RGB color **186, 202, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **177, 161, 202**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **242, 255, 216**, and **133, 148, 109** is the 20% darker color. If you saturate the color by 10%, you get **178, 202, 141**, and if you desaturate by 10%, it is **194, 202, 181**.

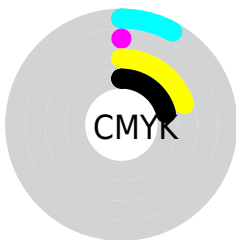
Distribution



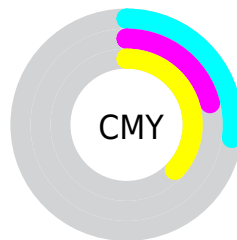
- Red (73%)
- Green (79%)
- Blue (63%)



- Red (63%)
- Yellow (79%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 186, 202, 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 186, 202, 161 by changing the saturation by 10% instead.


 186, 202, 161

255, 255, 255

 242, 255, 216

 255, 255, 244

 186, 202, 161

 159, 175, 135

 133, 148, 109

 107, 122, 85

 83, 97, 61

 59, 74, 39

 37, 51, 18

 17, 30, 0

 0, 0, 0

 186, 202, 161

 186, 202, 161

 178, 202, 141


 194, 202, 181

 170, 202, 121


 202, 202, 201

 162, 202, 100

 210, 202, 222

 154, 202, 80


 218, 202, 242


 147, 202, 60

 225, 202, 255

 139, 202, 40

 233, 202, 255

 131, 202, 20

 241, 202, 255

 123, 202, 0

 249, 202, 255

 255, 202, 255

Harmonies

Analogous

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



209, 196, 154



186, 202, 161



162, 206, 177

Triad

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



186, 202, 161



150, 203, 233



238, 181, 194

Complementary

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



186, 202, 161



177, 161, 202

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.



226, 184, 215



186, 202, 161



176, 197, 238

Square

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



186, 202, 161



138, 207, 219



203, 190, 231



239, 183, 173

Rectangle

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



186, 202, 161



149, 208, 191



203, 190, 231



235, 182, 201

Sweetspot

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



186, 202, 161



249, 255, 240



202, 177, 161



124, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



186, 202, 161



231, 255, 194



166, 202, 161



98, 102, 92



101, 166, 0



23, 38, 0

Inverse Universe

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



177, 161, 202



218, 194, 255



197, 161, 202



96, 92, 102



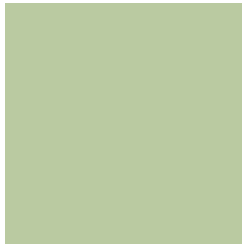
65, 0, 166



15, 0, 38

Previews

White Background



This preview shows how the RGB color 186, 202, 161 looks on a white background.

Color Contrast Check

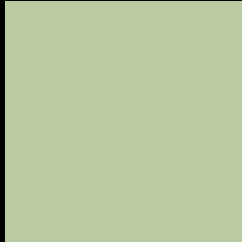
Large Text (above 18pt) WCAG AA × Fail

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 186, 202, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

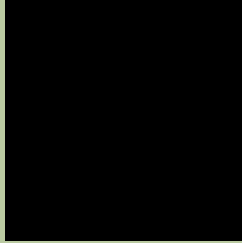
Any Text WCAG AA ✓ Pass

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 186, 202, 161 Background



This preview shows how black text looks on a background with the RGB color 186, 202, 161.



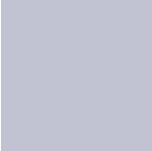
This preview shows how white text looks on a background with the RGB color 186, 202, 161.

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](#).

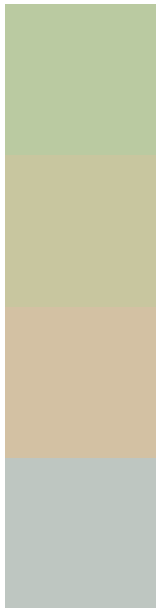
Dichromacy





Tritanopia
193, 195, 211

Trichromacy



Original Color
186, 202, 161

Protanomaly
200, 198, 159

Deuteranomaly
211, 193, 163

Tritanomaly
190, 198, 193

Monochromacy



Original Color
186, 202, 161

Achromatopsia
193, 193, 193

Achromatomaly
190, 196, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 186, 202, 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(186, 202, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 202, 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(186, 202, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 202, 161) }
```

Border

The CSS property to change the border of an element to RGB 186, 202, 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(186, 202, 161) }
```

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

```
.border{ border-color:rgb(186, 202, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 202, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 202, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 202, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 202,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 186, 202, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 202, 161) }
```

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

```
.background{ background-color: rgb(186,  
202, 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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