

Converting Colors

RGB(168, 215, 152)

Have a look what the booklet for
RGB(168, 215, 152) contains.

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Color

RGB(168, 215, 152)

Conversions

Conversions Part 1

Format	Color
Hex	A8D798
RGB	168, 215, 152
RGB Percent	66%, 84%, 60%
CMY	0.3412, 0.1569, 0.4039
CMYK	0.22, 0.00, 0.29, 0.16
HSL	105°, 44%, 72%
HSV	105°, 29%, 84%
XYZ	46.1164, 59.1927, 38.7005
YIQ	193.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

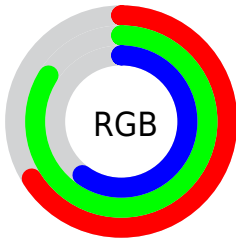
Format	Color
RYB	152, 215, 199
Decimal	11065240
CIELab	81.40, -26.92, 26.26
CIELCh	81, 37.605, 135.719
Yxy	59.1927, 0.3202, 0.4110
Android (android.graphics.Color)	4289255320 (0xFFA8D798)
YUV	193.7650, -20.5901, -22.5959
Hunter-Lab	76.9368, -27.6454, 24.0319

Details

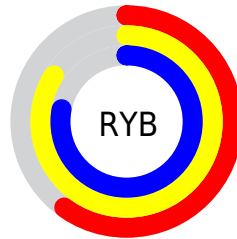
The RGB color **168, 215, 152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **199, 152, 215**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **224, 255, 207**, and **115, 160, 101** is the 20% darker color. If you saturate the color by 10%, you get **152, 215, 131**, and if you desaturate by 10%, it is **184, 215, 174**.

Distribution



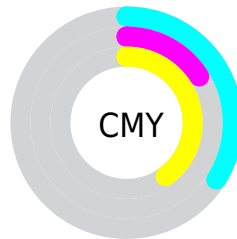
- Red (66%)
- Green (84%)
- Blue (60%)



- Red (60%)
- Yellow (84%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (16%)



- Cyan (34%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 168, 215, 152 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 168, 215, 152 by changing the saturation by 10% instead.


 168, 215, 152

255, 255, 255


 224, 255, 207

 253, 255, 235

 168, 215, 152

 141, 187, 126

 115, 160, 101

 89, 134, 76

 64, 108, 53

 40, 84, 30

 14, 60, 7

 0, 38, 0

 0, 10, 0

 0, 0, 0

 168, 215, 152


 168, 215, 152

 152, 215, 131


 184, 215, 174

 136, 215, 109

 200, 215, 195

 120, 215, 87

 216, 215, 217

 104, 215, 66


 232, 215, 238


 88, 215, 45

 248, 215, 255

 72, 215, 23

 255, 215, 255

 56, 215, 1

 55, 215, 0

Harmonies

Analogous

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



208, 206, 134



168, 215, 152



126, 220, 184

Triad

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



168, 215, 152



128, 211, 255



255, 176, 185

Complementary

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



168, 215, 152



199, 152, 215

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, 177, 221



168, 215, 152



183, 199, 255

Square

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



168, 215, 152



85, 218, 252



230, 187, 252



255, 183, 153

Rectangle

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



168, 215, 152



99, 222, 208



230, 187, 252



255, 175, 197

Sweetspot

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



168, 215, 152



238, 255, 232



215, 198, 152



117, 128, 113



0, 0, 0



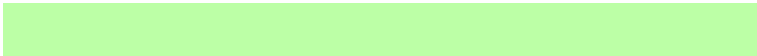
128, 128, 128

Same Dimension

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



168, 215, 152



188, 255, 166



152, 215, 167



99, 107, 96



43, 171, 0



11, 43, 0

Inverse Universe

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



199, 152, 215



232, 166, 255



215, 152, 200



104, 96, 107



127, 0, 171



32, 0, 43

Previews

White Background



This preview shows how the RGB color 168, 215, 152 looks on a white background.

Color Contrast Check

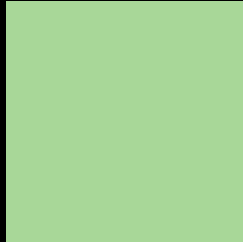
Large Text (above 18pt) WCAG AA × Fail

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 168, 215, 152 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 168, 215, 152 Background



This preview shows how black text looks on a background with the RGB color 168, 215, 152.



This preview shows how white text looks on a background with the RGB color 168, 215, 152.

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
168, 215, 152

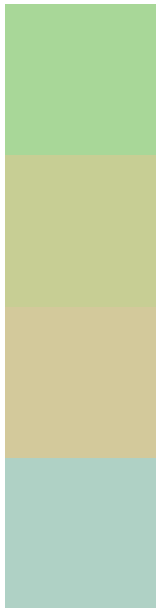
Protanopia
217, 201, 146

Deuteranopia
236, 193, 157



Tritanopia
179, 206, 222

Trichromacy



Original Color
168, 215, 152

Protanomaly
199, 206, 148

Deuteranomaly
211, 201, 155

Tritanomaly
175, 209, 197

Monochromacy



Original Color
168, 215, 152

Achromatopsia
194, 194, 194

Achromatomaly
185, 202, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 168, 215, 152 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(168, 215, 152)` looks like.

```
.text, #text, p{  
    color:rgb(168, 215, 152)  
}
```

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(168, 215, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 215, 152) }
```

Border

The CSS property to change the border of an element to RGB 168, 215, 152 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(168, 215, 152) }
```

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

```
.border{ border-color:rgb(168, 215, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 215, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 215, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 215, 152);  
box-shadow:4px 4px 4px 4px rgb(168, 215,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 168, 215, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 215, 152) }
```

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

```
.background{ background-color: rgb(168,  
215, 152) }
```

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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