

# Converting Colors

RGB(152, 213, 176)

Have a look what the booklet for  
RGB(152, 213, 176) contains.

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# **Color**

**RGB(152, 213, 176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98D5B0
RGB	152, 213, 176
RGB Percent	60%, 84%, 69%
CMY	0.4039, 0.1647, 0.3098
CMYK	0.29, 0.00, 0.17, 0.16
HSL	144°, 42%, 72%
HSV	144°, 29%, 84%
XYZ	44.5796, 57.3985, 49.8037
YIQ	190.5430, -24.4790, -24.4390

# Conversions

## Conversions Part 2

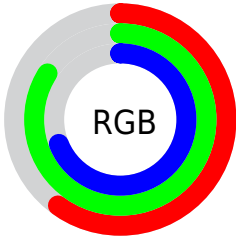
Format	Color
<a href="#">RYB</a>	<a href="#">152, 196, 213</a>
Decimal	<a href="#">10016176</a>
CIELab	<a href="#">80.40, -27.05, 12.11</a>
CIELCh	<a href="#">80, 29.639, 155.875</a>
Yxy	<a href="#">57.3985, 0.2937, 0.3782</a>
Android (android.graphics.Color)	<a href="#">4288206256 (0xFF98D5B0)</a>
YUV	<a href="#">190.5430, -7.1697, -33.8022</a>
Hunter-Lab	<a href="#">75.7618, -27.5505, 14.0576</a>

# Details

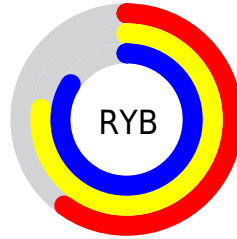
The RGB color **152, 213, 176** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **213, 152, 189**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **207, 255, 232**, and **99, 158, 123** is the 20% darker color. If you saturate the color by 10%, you get **131, 213, 163**, and if you desaturate by 10%, it is **173, 213, 189**.

# Distribution



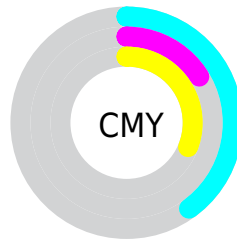
- Red (60%)
- Green (84%)
- Blue (69%)



- Red (60%)
- Yellow (77%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (40%)
- Magenta (16%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 152, 213, 176 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 152, 213, 176 by changing the saturation by 10% instead.




 152, 213, 176


255, 255, 255

 207, 255, 232

 236, 255, 255

 152, 213, 176

 125, 185, 149

 99, 158, 123

 74, 132, 99

 48, 106, 75

 22, 82, 52

 0, 58, 30


 0, 37, 7

 0, 3, 0

 0, 0, 0

 152, 213, 176

 152, 213, 176

 131, 213, 163

 173, 213, 189

 109, 213, 150

 195, 213, 202

 88, 213, 137

 216, 213, 215

 67, 213, 124

 237, 213, 228

 45, 213, 111

 255, 213, 241

 24, 213, 98

 255, 213, 254

 3, 213, 86

 255, 213, 255

 0, 213, 84

# Harmonies

## Analogous

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



184, 208, 154



152, 213, 176



125, 215, 204

# Triad

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



152, 213, 176



173, 200, 254



253, 182, 168

# Complementary

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



152, 213, 176



213, 152, 189

# 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.



254, 179, 195



152, 213, 176



211, 190, 244

# Square

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



152, 213, 176



136, 208, 249



240, 182, 223



239, 190, 150

# Rectangle

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



152, 213, 176



117, 214, 223



240, 182, 223



255, 181, 177

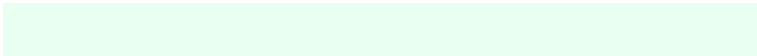


# Sweetspot

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



152, 213, 176



232, 255, 241



190, 213, 152



113, 128, 119



0, 0, 0



128, 128, 128

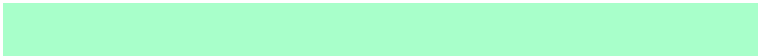


# Same Dimension

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



152, 213, 176



168, 255, 202



152, 213, 206



96, 107, 101



0, 171, 67



0, 43, 17



# Inverse Universe

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



213, 152, 189



255, 168, 221



213, 152, 159



107, 96, 103



171, 0, 104

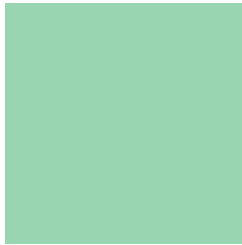


43, 0, 26



# Previews

## White Background



This preview shows how the RGB color 152, 213, 176 looks on a white background.

## Color Contrast Check

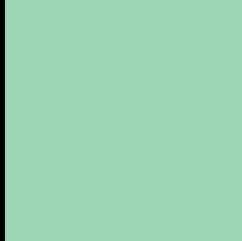
Large Text (above 18pt) WCAG AA × Fail

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 152, 213, 176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

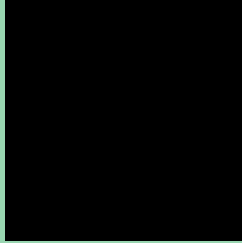
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 152, 213, 176 Background



This preview shows how black text looks on a background with the RGB color 152, 213, 176.

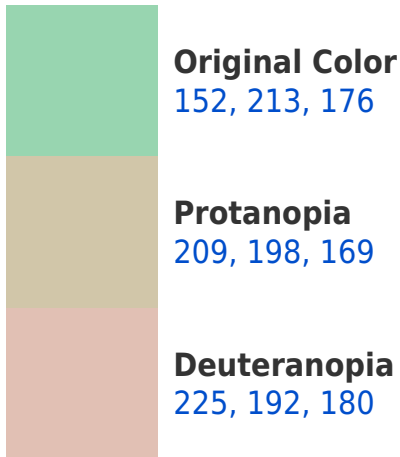


This preview shows how white text looks on a background with the RGB color 152, 213, 176.

# 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**  
161, 206, 223

# Trichromacy



**Original Color**

152, 213, 176



**Protanomaly**

188, 203, 172



**Deuteranomaly**

198, 200, 179



**Tritanomaly**

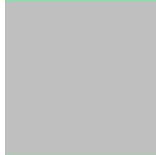
158, 209, 206

# Monochromacy



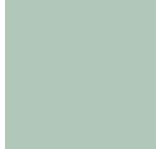
**Original Color**

152, 213, 176



**Achromatopsia**

191, 191, 191



**Achromatomaly**

177, 199, 186

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 152, 213, 176 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(152, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 176)  
}
```

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(152, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 176) }
```

## Border

The CSS property to change the border of an element to RGB 152, 213, 176 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(152, 213, 176) }
```

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

```
.border{ border-color:rgb(152, 213, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
176) }
```

# Background

The CSS property to change the background color of an element to RGB 152, 213, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 176) }
```

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

```
.background{ background-color: rgb(152,  
213, 176) }
```

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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