Converting Colors

RGB(170, 185, 152)

Have a look what the booklet for RGB(170, 185, 152) contains.

RGB(170, 185, 152) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 11
- ***Previews*** 23
- ***Color Blindness Simulation*** 26
- ***CSS Examples*** 29

Color

RGB(170, 185, 152)

Conversions

Conversions Part 1

Format	Color
Hex	AAB998
RGB	170, 185, 152
RGB Percent	67%, 73%, 60%
CMY	0.3333, 0.2745, 0.4039
CMYK	0.08, 0.00, 0.18, 0.27
HSL	87°, 19%, 66%
HSV	87°, 18%, 73%
XYZ	39.5940, 45.5110, 36.4034
YIQ	176.7530, 1.6530, -13.4430

Conversions

Conversions Part 2

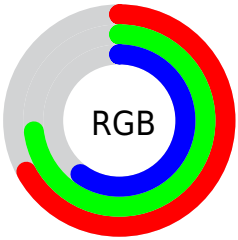
Format	Color
RYB	152, 185, 167
Decimal	11188632
CIELab	73.23, -11.18, 15.03
CIELCh	73, 18.729, 126.639
Yxy	45.5110, 0.3259, 0.3745
Android (android.graphics.Color)	4289378712 (0xFFAAB998)
YUV	176.7530, -12.2032, -5.9224
Hunter-Lab	67.4618, -13.2947, 15.2295

Details

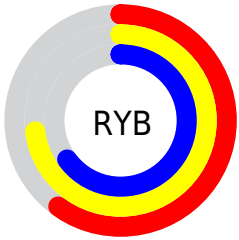
The RGB color 170, 185, 152 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 167, 152, 185, and the grayscale version is 177, 177, 177.

A 20% lighter version of the original color is 225, 241, 206, and 118, 132, 101 is the 20% darker color. If you saturate the color by 10%, you get 162, 185, 133, and if you desaturate by 10%, it is 178, 185, 171.

Distribution

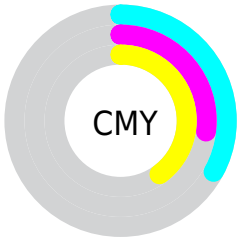


- Red (67%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (65%)

- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 185, 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 170, 185, 152 by changing the saturation by 10% instead.

170, 185, 152	170, 185, 152
255, 255, 255	143, 158, 126
225, 241, 206	118, 132, 101
254, 255, 235	93, 107, 77
	69, 83, 54
	46, 59, 32
	25, 38, 10
	0, 18, 0
	0, 0, 0

170, 185, 152	170, 185, 152

162, 185, 133	178, 185, 171
153, 185, 115	187, 185, 189
145, 185, 97	195, 185, 208
136, 185, 78	204, 185, 226
128, 185, 60	212, 185, 245
120, 185, 41	220, 185, 255
111, 185, 22	229, 185, 255
103, 185, 4	237, 185, 255
101, 185, 0	246, 185, 255

Harmonies

Analogous

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

189, 180, 146

170, 185, 152

151, 189, 166

Triad

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

170, 185, 152

145, 185, 211

215, 168, 176

Complementary

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

170, 185, 152

167, 152, 185

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.

206, 170, 194

170, 185, 152

165, 180, 214

Square

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

170, 185, 152

134, 189, 200

188, 174, 207

214, 170, 160

Rectangle

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

170, 185, 152

141, 190, 177

188, 174, 207

213, 168, 182

Sweetspot

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

170, 185, 152

234, 240, 228

185, 167, 152

117, 120, 113

247, 247, 247

120, 120, 120

Same Dimension

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

170, 185, 152

217, 240, 189

154, 185, 152

88, 92, 83

85, 156, 0

15, 28, 0

Inverse Universe

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

167, 152, 185

212, 189, 240

183, 152, 185

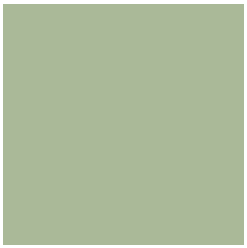
87, 83, 92

71, 0, 156

13, 0, 28

Previews

White Background

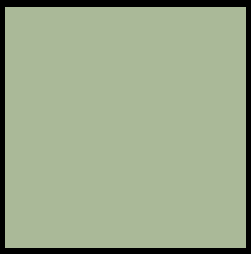


This preview shows how the RGB color 170, 185, 152 looks on a white background.

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



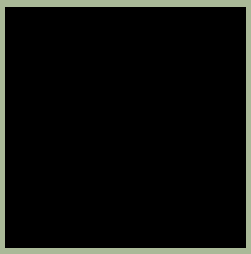
This preview shows how the RGB color 170, 185, 152 looks on a black background.

Color Contrast Check

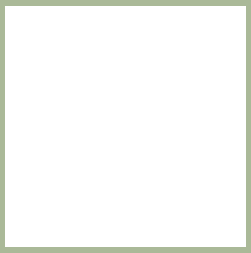
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 170, 185, 152 Background



This preview shows how black text looks on a background with the RGB color 170, 185, 152.



This preview shows how white text looks on a background with the RGB color 170, 185, 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

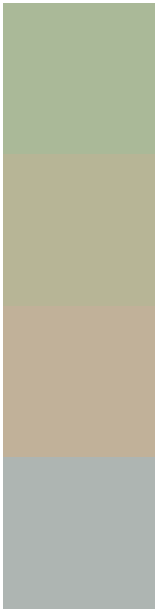
Original Color
170, 185, 152

Protanopia
190, 179, 149

Deuteranopia
206, 173, 154

Tritanopia
176, 179, 193

Trichromacy



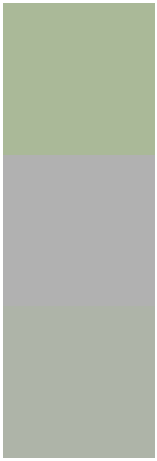
Original Color
170, 185, 152

Protanomaly
183, 181, 150

Deuteranomaly
193, 177, 153

Tritanomaly
174, 181, 178

Monochromacy



Original Color
170, 185, 152

Achromatopsia
177, 177, 177

Achromatomaly
174, 180, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 185, 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(170, 185, 152) looks like.

```
.text, #text, p{
    color:rgb(170, 185, 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(170, 185, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 185, 152) }
```

Border

The CSS property to change the border of an element to RGB 170, 185, 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(170, 185, 152) }
```

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

```
.border{ border-color:rgb(170, 185, 152) }
```

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

Here you see how a box with a 4 pixel rgb(170, 185, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 185, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 185, 152); box-shadow:4px 4px 4px 4px rgb(170, 185, 152) }
```

Background

The CSS property to change the background color of an element to RGB 170, 185, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(170, 185, 152) }
```

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

```
.background{ background-color:rgb(170,
185, 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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