Converting Colors

RGB(132, 180, 136)

Have a look what the booklet for RGB(132, 180, 136) contains.

Color

RGB(132, 180, 136)

Conversions

Conversions Part 1

Format	Color
Hex	84B488
RGB	132, 180, 136
RGB Percent	52%, 71%, 53%
CMY	0.4824, 0.2941, 0.4667
CMYK	0.27, 0.00, 0.24, 0.29
HSL	125°, 24%, 61%
HSV	125°, 27%, 71%
XYZ	30.2809, 39.3256, 29.2872
YIQ	160.6320, -14.4840, -23.8600

Conversions

Conversions Part 2

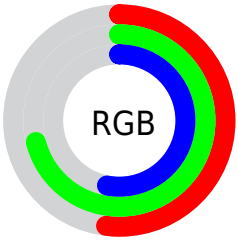
Format	Color
RYB	132, 176, 180
Decimal	8696968
CIELab	68.99, -24.83, 17.43
CIELCh	69, 30.334, 144.938
Yxy	39.3256, 0.3062, 0.3977
Android (android.graphics.Color)	4286887048 (0xFF84B488)
YUV	160.6320, -12.1436, -25.1103
Hunter-Lab	62.7101, -23.5503, 16.2072

Details

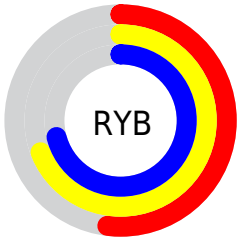
The RGB color 132, 180, 136 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 180, 132, 176, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 186, 236, 189, and 81, 127, 86 is the 20% darker color. If you saturate the color by 10%, you get 114, 180, 119, and if you desaturate by 10%, it is 150, 180, 153.

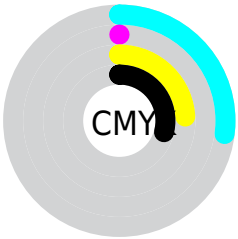
Distribution



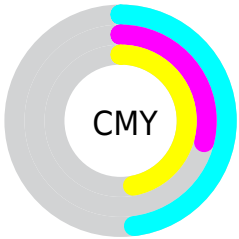
- Red (52%)
- Green (71%)
- Blue (53%)



- Red (52%)
- Yellow (69%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (48%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 180, 136 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 132, 180, 136 by changing the saturation by 10% instead.

132, 180, 136	132, 180, 136
255, 255, 255	106, 153, 111
186, 236, 189	81, 127, 86
214, 255, 217	56, 102, 63
243, 255, 246	32, 77, 40
	6, 54, 19
	0, 33, 0
	0, 0, 0

132, 180, 136	132, 180, 136
114, 180, 119	150, 180, 153

96, 180, 103	168, 180, 169
78, 180, 86	186, 180, 186
60, 180, 70	204, 180, 202
42, 180, 53	222, 180, 219
24, 180, 37	240, 180, 235
6, 180, 20	255, 180, 252
0, 180, 15	255, 180, 255

Harmonies

Analogous

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

164, 174, 118

132, 180, 136

101, 183, 163

Triad

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

132, 180, 136

125, 172, 223

223, 149, 147

Complementary

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

132, 180, 136

180, 132, 176

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.

219, 148, 174

132, 180, 136

166, 163, 218

Square

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

132, 180, 136

89, 179, 212

199, 154, 200

213, 156, 124

Rectangle

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

132, 180, 136

84, 184, 182

199, 154, 200

223, 148, 155

Sweetspot

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

132, 180, 136

216, 235, 217

176, 180, 132

106, 117, 107

245, 245, 245

117, 117, 117

Same Dimension

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

132, 180, 136

160, 235, 166

132, 180, 160

80, 89, 81

0, 153, 13

0, 26, 2

Inverse Universe

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

180, 132, 176

235, 160, 228

180, 132, 152

89, 80, 89

153, 0, 140

26, 0, 23

Previews

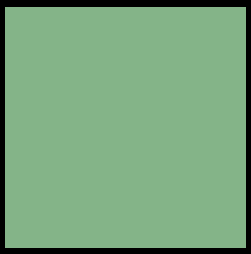
White Background

This preview shows how the RGB color 132, 180, 136 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



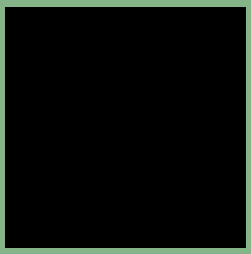
This preview shows how the RGB color 132, 180, 136 looks on a black background.

Color Contrast Check

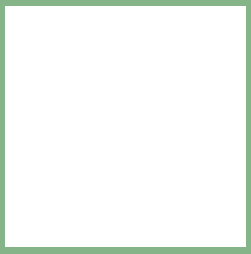
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 132, 180, 136 Background



This preview shows how black text looks on a background with the RGB color 132, 180, 136.



This preview shows how white text looks on a background with the RGB color 132, 180, 136.

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
132, 180, 136

Protanopia
179, 168, 130

Deuteranopia
194, 161, 140

Tritanopia
141, 173, 187

Trichromacy

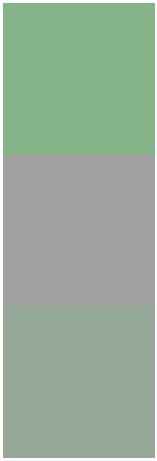
Original Color
132, 180, 136

Protanomaly
162, 172, 132

Deuteranomaly
171, 168, 139

Tritanomaly
138, 176, 168

Monochromacy



Original Color
132, 180, 136

Achromatopsia
161, 161, 161

Achromatomaly
150, 168, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 180, 136 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(132, 180, 136) looks like.

```
.text, #text, p{
    color:rgb(132, 180, 136)
}
```

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(132, 180, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 136) }
```

Border

The CSS property to change the border of an element to RGB 132, 180, 136 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(132, 180, 136) }
```

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

```
.border{ border-color:rgb(132, 180, 136) }
```

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

Here you see how a box with a 4 pixel rgb(132, 180, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 180, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 180, 136); box-shadow:4px 4px 4px 4px rgb(132, 180, 136) }
```

Background

The CSS property to change the background color of an element to RGB 132, 180, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(132, 180, 136) }
```

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

```
.background{ background-color:rgb(132,
180, 136) }
```

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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