Converting Colors

RGB(136, 173, 134)

Have a look what the booklet for RGB(136, 173, 134) contains.

Color

RGB(136, 173, 134)

Conversions

Conversions Part 1

Format	Color
Hex	88AD86
RGB	136, 173, 134
RGB Percent	53%, 68%, 53%
CMY	0.4667, 0.3216, 0.4745
CMYK	0.21, 0.00, 0.23, 0.32
HSL	117°, 19%, 60%
HSV	117°, 23%, 68%
XYZ	29.4000, 36.8426, 28.1160
YIQ	157.4910, -9.5330, -19.9730

Conversions

Conversions Part 2

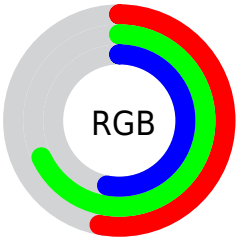
Format	Color
RYB	134, 173, 171
Decimal	8957318
CIELab	67.16, -20.30, 16.02
CIELCh	67, 25.855, 141.717
Yxy	36.8426, 0.3116, 0.3905
Android (android.graphics.Color)	4287147398 (0xFF88AD86)
YUV	157.4910, -11.5811, -18.8476
Hunter-Lab	60.6981, -19.7627, 15.0249

Details

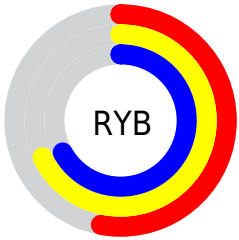
The RGB color 136, 173, 134 is a dark color, and the websafe version is hex 669966. A complement of this color would be 171, 134, 173, and the grayscale version is 158, 158, 158.

A 20% lighter version of the original color is 190, 229, 187, and 85, 120, 84 is the 20% darker color. If you saturate the color by 10%, you get 120, 173, 117, and if you desaturate by 10%, it is 152, 173, 151.

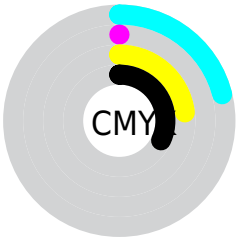
Distribution



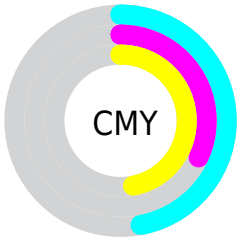
- Red (53%)
- Green (68%)
- Blue (53%)



- Red (53%)
- Yellow (68%)
- Blue (67%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (32%)



- Cyan (47%)
- Magenta (32%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 136, 173, 134 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 136, 173, 134 by changing the saturation by 10% instead.

136, 173, 134

255, 255, 255

190, 229, 187

218, 255, 215

247, 255, 244

136, 173, 134

110, 146, 109

85, 120, 84

61, 96, 61

38, 72, 39

15, 49, 18

0, 29, 0

0, 0, 0

136, 173, 134

120, 173, 117

136, 173, 134

152, 173, 151

103, 173, 99	169, 173, 169
87, 173, 82	185, 173, 186
70, 173, 65	202, 173, 203
54, 173, 47	218, 173, 221
38, 173, 30	234, 173, 238
21, 173, 13	251, 173, 255
9, 173, 0	255, 173, 255

Harmonies

Analogous

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

163, 167, 120

136, 173, 134

111, 176, 156

Triad

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

136, 173, 134

125, 168, 209

211, 147, 147

Complementary

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

136, 173, 134

171, 134, 173

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.

205, 147, 171

136, 173, 134

158, 160, 207

Square

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

136, 173, 134

99, 173, 199

187, 152, 193

204, 152, 128

Rectangle

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

136, 173, 134

98, 177, 172

187, 152, 193

210, 147, 155

Sweetspot

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

136, 173, 134

209, 224, 209

173, 170, 134

104, 112, 103

240, 240, 240

112, 112, 112

Same Dimension

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

136, 173, 134

167, 224, 164

134, 173, 151

78, 87, 78

8, 150, 0

1, 23, 0

Inverse Universe

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

171, 134, 173

221, 164, 224

173, 134, 156

86, 78, 87

143, 0, 150

22, 0, 23

Previews

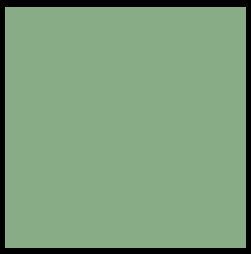
White Background

This preview shows how the RGB color 136, 173, 134 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



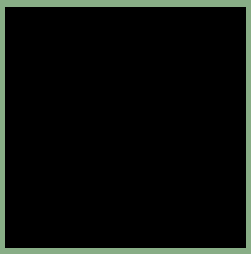
This preview shows how the RGB color 136, 173, 134 looks on a black background.

Color Contrast Check

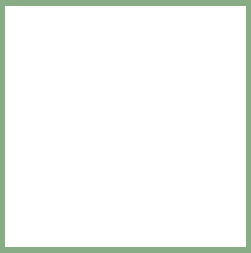
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 136, 173, 134 Background



This preview shows how black text looks on a background with the RGB color 136, 173, 134.



This preview shows how white text looks on a background with the RGB color 136, 173, 134.

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
136, 173, 134

Protanopia
173, 163, 129

Deuteranopia
188, 157, 137

Tritanopia
144, 167, 180

Trichromacy

Original Color
136, 173, 134

Protanomaly
160, 167, 131

Deuteranomaly
169, 163, 136

Tritanomaly
141, 169, 163

Monochromacy

Original Color
136, 173, 134

Achromatopsia
157, 157, 157

Achromatomaly
149, 163, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 136, 173, 134 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(136, 173, 134) looks like.

```
.text, #text, p{
    color:rgb(136, 173, 134)
}
```

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(136, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 173, 134) }
```

Border

The CSS property to change the border of an element to RGB 136, 173, 134 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(136, 173, 134) }
```

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

```
.border{ border-color:rgb(136, 173, 134) }
```

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

Here you see how a box with a 4 pixel rgb(136, 173, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 173, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 173, 134); box-shadow:4px 4px 4px 4px rgb(136, 173, 134) }
```

Background

The CSS property to change the background color of an element to RGB 136, 173, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(136, 173, 134) }
```

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

```
.background{ background-color:rgb(136,
173, 134) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor