Converting Colors

RGB(146, 174, 132)

Have a look what the booklet for RGB(146, 174, 132) contains.

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Color

RGB(146, 174, 132)

Conversions

Conversions Part 1

Format	Color
Hex	92AE84
RGB	146, 174, 132
RGB Percent	57%, 68%, 52%
CMY	0.4275, 0.3176, 0.4824
CMYK	0.16, 0.00, 0.24, 0.32
HSL	100°, 21%, 60%
HSV	100°, 24%, 68%
XYZ	31.1550, 38.0490, 27.5320
YIQ	160.8400, -3.2060, -18.9980

Conversions

Conversions Part 2

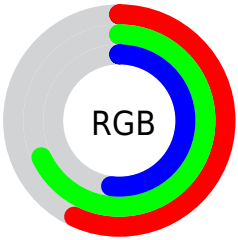
Format	Color
RYB	132, 174, 160
Decimal	9612932
CIELab	68.06, -17.57, 18.45
CIELCh	68, 25.479, 133.588
Yxy	38.0490, 0.3221, 0.3933
Android (android.graphics.Color)	4287803012 (0xFF92AE84)
YUV	160.8400, -14.2181, -13.0147
Hunter-Lab	61.6839, -17.7910, 16.7153

Details

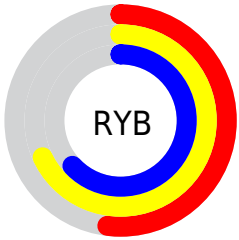
The RGB color 146, 174, 132 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 160, 132, 174, and the grayscale version is 161, 161, 161.

A 20% lighter version of the original color is 200, 230, 185, and 95, 122, 82 is the 20% darker color. If you saturate the color by 10%, you get 134, 174, 115, and if you desaturate by 10%, it is 158, 174, 149.

Distribution

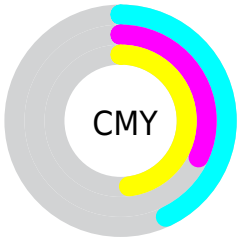


- Red (57%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (63%)

- Cyan (16%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (43%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 146, 174, 132 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 146, 174, 132 by changing the saturation by 10% instead.

146, 174, 132

255, 255, 255

200, 230, 185

229, 255, 213

255, 255, 241

146, 174, 132

120, 147, 107

95, 122, 82

71, 97, 59

48, 73, 37

25, 50, 16

0, 30, 0

0, 0, 0

146, 174, 132

134, 174, 115

146, 174, 132

158, 174, 149

123, 174, 97

111, 174, 80

100, 174, 62

88, 174, 45

76, 174, 28

65, 174, 10

58, 174, 0

169, 174, 167

181, 174, 184

192, 174, 202

204, 174, 219

216, 174, 236

227, 174, 254

239, 174, 255

250, 174, 255

Harmonies

Analogous

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

172, 168, 121

146, 174, 132

120, 178, 152

Triad

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

146, 174, 132

120, 172, 209

213, 149, 156

Complementary

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

146, 174, 132

160, 132, 174

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.

204, 151, 179

146, 174, 132

152, 164, 210

Square

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

146, 174, 132

99, 177, 197

182, 156, 199

209, 153, 135

Rectangle

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

146, 174, 132

106, 179, 168

182, 156, 199

211, 149, 164

Sweetspot

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

146, 174, 132

216, 227, 211

174, 160, 132

109, 115, 106

242, 242, 242

115, 115, 115

Same Dimension

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

146, 174, 132

183, 227, 161

132, 174, 139

81, 87, 78

50, 150, 0

8, 23, 0

Inverse Universe

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

160, 132, 174

205, 161, 227

174, 132, 167

84, 78, 87

100, 0, 150

15, 0, 23

Previews

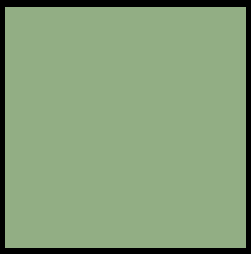
White Background

This preview shows how the RGB color 146, 174, 132 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



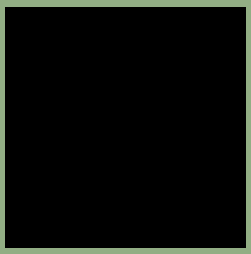
This preview shows how the RGB color 146, 174, 132 looks on a black background.

Color Contrast Check

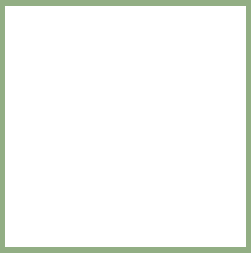
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RGB 146, 174, 132 Background



This preview shows how black text looks on a background with the RGB color 146, 174, 132.



This preview shows how white text looks on a background with the RGB color 146, 174, 132.

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
146, 174, 132

Protanopia
177, 165, 128

Deuteranopia
192, 159, 135

Tritanopia
154, 168, 181

Trichromacy

Original Color
146, 174, 132

Protanomaly
166, 168, 129

Deuteranomaly
175, 164, 134

Tritanomaly
151, 170, 163

Monochromacy

Original Color
146, 174, 132

Achromatopsia
161, 161, 161

Achromatomaly
156, 166, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 146, 174, 132 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(146, 174, 132) looks like.

```
.text, #text, p{
    color:rgb(146, 174, 132)
}
```

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(146, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 174, 132) }
```

Border

The CSS property to change the border of an element to RGB 146, 174, 132 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(146, 174, 132) }
```

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

```
.border{ border-color:rgb(146, 174, 132) }
```

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

Here you see how a box with a 4 pixel rgb(146, 174, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 174, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 174, 132); box-shadow:4px 4px 4px 4px rgb(146, 174, 132) }
```

Background

The CSS property to change the background color of an element to RGB 146, 174, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(146, 174, 132) }
```

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

```
.background{ background-color:rgb(146,
174, 132) }
```

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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