Converting Colors

RGB(155, 189, 142)

Have a look what the booklet for RGB(155, 189, 142) contains.

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Color

RGB(155, 189, 142)

Conversions

Conversions Part 1

Format	Color
Hex	9BBD8E
RGB	155, 189, 142
RGB Percent	61%, 74%, 56%
CMY	0.3922, 0.2588, 0.4431
CMYK	0.18, 0.00, 0.25, 0.26
HSL	103°, 26%, 65%
HSV	103°, 25%, 74%
XYZ	36.5976, 45.3167, 32.4093
YIQ	173.4760, -5.1770, -21.8250

Conversions

Conversions Part 2

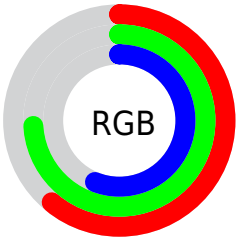
Format	Color
RYB	142, 189, 176
Decimal	10206606
CIELab	73.10, -20.30, 20.08
CIELCh	73, 28.554, 135.302
Yxy	45.3167, 0.3201, 0.3964
Android (android.graphics.Color)	4288396686 (0xFF9BBD8E)
YUV	173.4760, -15.5177, -16.2035
Hunter-Lab	67.3177, -20.7635, 18.5780

Details

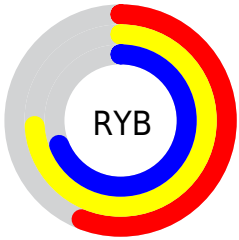
The RGB color 155, 189, 142 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 176, 142, 189, and the grayscale version is 174, 174, 174.

A 20% lighter version of the original color is 210, 245, 196, and 103, 136, 91 is the 20% darker color. If you saturate the color by 10%, you get 141, 189, 123, and if you desaturate by 10%, it is 169, 189, 161.

Distribution

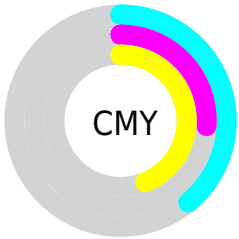


- Red (61%)
- Green (74%)
- Blue (56%)



- Red (56%)
- Yellow (74%)
- Blue (69%)

- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (39%)
- Magenta (26%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 189, 142 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 155, 189, 142 by changing the saturation by 10% instead.

155, 189, 142

255, 255, 255

210, 245, 196

238, 255, 224

255, 255, 253

155, 189, 142

129, 162, 116

103, 136, 91

78, 110, 68

55, 86, 45

32, 62, 23

11, 40, 0

0, 19, 0

0, 0, 0

155, 189, 142

155, 189, 142

141, 189, 123	169, 189, 161
128, 189, 104	182, 189, 180
114, 189, 85	196, 189, 199
100, 189, 66	210, 189, 218
87, 189, 47	223, 189, 236
73, 189, 29	237, 189, 255
59, 189, 10	251, 189, 255
52, 189, 0	255, 189, 255

Harmonies

Analogous

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

185, 182, 129

155, 189, 142

125, 193, 165

Triad

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

155, 189, 142

128, 186, 229

232, 160, 167

Complementary

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

155, 189, 142

176, 142, 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.

223, 162, 193

155, 189, 142

166, 177, 230

Square

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

155, 189, 142

103, 192, 216

200, 168, 216

227, 165, 143

Rectangle

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

155, 189, 142

109, 194, 183

200, 168, 216

231, 160, 176

Sweetspot

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

155, 189, 142

232, 245, 228

189, 176, 142

115, 122, 113

250, 250, 250

122, 122, 122

Same Dimension

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

155, 189, 142

192, 245, 171

142, 189, 152

88, 94, 85

44, 158, 0

8, 31, 0

Inverse Universe

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

176, 142, 189

224, 171, 245

189, 142, 179

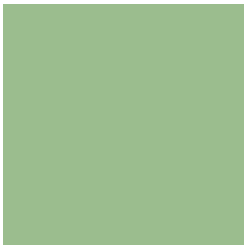
92, 85, 94

114, 0, 158

22, 0, 31

Previews

White Background

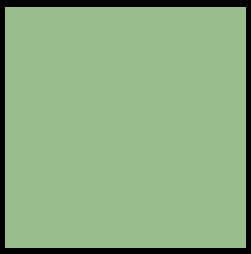


This preview shows how the RGB color 155, 189, 142 looks on a white background.

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



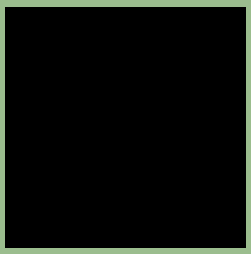
This preview shows how the RGB color 155, 189, 142 looks on a black background.

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 155, 189, 142 Background



This preview shows how black text looks on a background with the RGB color 155, 189, 142.

This preview shows how white text looks on a background with the RGB color 155, 189, 142.

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

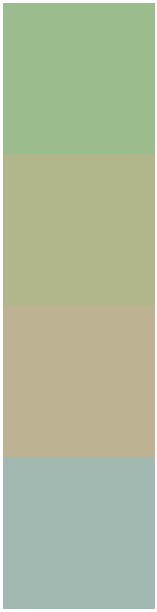
Original Color
155, 189, 142

Protanopia
191, 179, 137

Deuteranopia
208, 172, 146

Tritanopia
164, 182, 196

Trichromacy



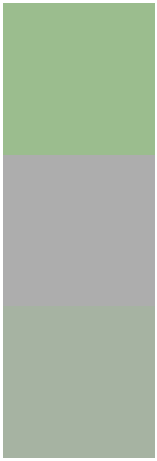
Original Color
155, 189, 142

Protanomaly
178, 183, 139

Deuteranomaly
189, 178, 145

Tritanomaly
161, 185, 176

Monochromacy



Original Color
155, 189, 142

Achromatopsia
173, 173, 173

Achromatomaly
166, 179, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 189, 142 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(155, 189, 142) looks like.

```
.text, #text, p{
    color:rgb(155, 189, 142)
}
```

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(155, 189, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 189, 142) }
```

Border

The CSS property to change the border of an element to RGB 155, 189, 142 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(155, 189, 142) }
```

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

```
.border{ border-color:rgb(155, 189, 142) }
```

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

Here you see how a box with a 4 pixel rgb(155, 189, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 189, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 189, 142); box-shadow:4px 4px 4px 4px rgb(155, 189, 142) }
```

Background

The CSS property to change the background color of an element to RGB 155, 189, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(155, 189, 142) }
```

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

```
.background{ background-color:rgb(155,
189, 142) }
```

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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