Converting Colors

RGB(131, 183, 105)

Have a look what the booklet for RGB(131, 183, 105) contains.

Color

RGB(131, 183, 105)

Conversions

Conversions Part 1

Format	Color
Hex	83B769
RGB	131, 183, 105
RGB Percent	51%, 72%, 41%
CMY	0.4863, 0.2824, 0.5882
CMYK	0.28, 0.00, 0.43, 0.28
HSL	100°, 35%, 56%
HSV	100°, 43%, 72%
XYZ	28.8434, 39.7122, 19.5096
YIQ	158.5600, -5.9540, -35.2820

Conversions

Conversions Part 2

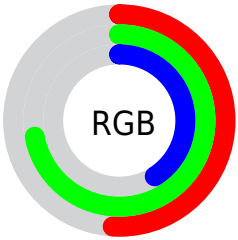
Format	Color
RYB	105, 183, 157
Decimal	8632169
CIELab	69.26, -31.52, 34.25
CIELCh	69, 46.548, 132.617
Yxy	39.7122, 0.3275, 0.4509
Android (android.graphics.Color)	4286822249 (0xFF83B769)
YUV	158.5600, -26.4051, -24.1701
Hunter-Lab	63.0176, -28.5808, 25.7567

Details

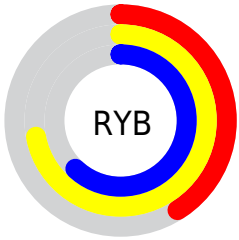
The RGB color 131, 183, 105 is a dark color, and the websafe version is hex 99CC66. A complement of this color would be 157, 105, 183, and the grayscale version is 159, 159, 159.

A 20% lighter version of the original color is 186, 239, 157, and 79, 130, 56 is the 20% darker color. If you saturate the color by 10%, you get 119, 183, 87, and if you desaturate by 10%, it is 143, 183, 123.

Distribution

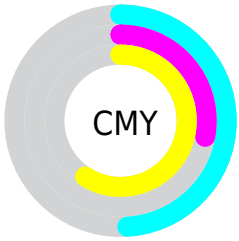


- Red (51%)
- Green (72%)
- Blue (41%)



- Red (41%)
- Yellow (72%)
- Blue (62%)

- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (28%)



- Cyan (49%)
- Magenta (28%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 183, 105 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 131, 183, 105 by changing the saturation by 10% instead.

131, 183, 105	131, 183, 105
255, 255, 255	105, 156, 80
186, 239, 157	79, 130, 56
214, 255, 185	53, 104, 32
243, 255, 213	27, 80, 6
255, 255, 241	0, 56, 0
	0, 36, 0
	0, 0, 0

131, 183, 105	131, 183, 105
119, 183, 87	143, 183, 123

107, 183, 68

94, 183, 50

82, 183, 32

70, 183, 14

61, 183, 0

155, 183, 142

168, 183, 160

180, 183, 178

192, 183, 197

204, 183, 215

216, 183, 233

229, 183, 251

241, 183, 255

Harmonies

Analogous

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

178, 172, 84

131, 183, 105

70, 189, 142

Triad

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

131, 183, 105

10, 180, 249

249, 135, 153

Complementary

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

131, 183, 105

157, 105, 183

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.

235, 138, 195

131, 183, 105

133, 167, 251

Square

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

131, 183, 105

0, 188, 225

196, 151, 231

241, 143, 114

Rectangle

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

131, 183, 105

0, 191, 172

196, 151, 231

247, 134, 167

Sweetspot

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

131, 183, 105

217, 237, 206

183, 157, 105

107, 120, 101

247, 247, 247

120, 120, 120

Same Dimension

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

131, 183, 105

157, 237, 116

105, 183, 118

86, 92, 83

52, 156, 0

9, 28, 0

Inverse Universe

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

157, 105, 183

197, 116, 237

183, 105, 170

89, 83, 92

104, 0, 156

19, 0, 28

Previews

White Background

This preview shows how the RGB color 131, 183, 105 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 131, 183, 105 looks on a black background.

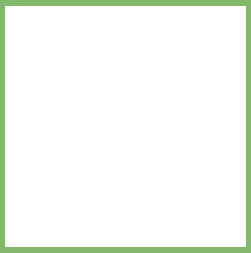
Color Contrast Check

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 131, 183, 105 Background

This preview shows how black text looks on a background with the RGB color 131, 183, 105.

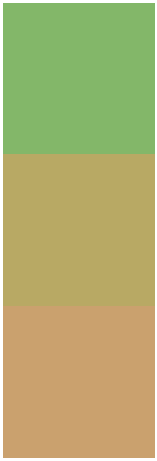


This preview shows how white text looks on a background with the RGB color 131, 183, 105.

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
131, 183, 105

Protanopia
184, 169, 100

Deuteranopia
202, 161, 110

Tritanopia
144, 173, 187

Trichromacy

Original Color
131, 183, 105

Protanomaly
165, 174, 102

Deuteranomaly
176, 169, 108

Tritanomaly
139, 177, 157

Monochromacy

Original Color
131, 183, 105

Achromatopsia
159, 159, 159

Achromatomaly
149, 168, 139

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 183, 105 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(131, 183, 105) looks like.

```
.text, #text, p{
    color:rgb(131, 183, 105)
}
```

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(131, 183, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 183, 105) }
```

Border

The CSS property to change the border of an element to RGB 131, 183, 105 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(131, 183, 105) }
```

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

```
.border{ border-color:rgb(131, 183, 105) }
```

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

Here you see how a box with a 4 pixel rgb(131, 183, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 183, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 183, 105); box-shadow:4px 4px 4px 4px rgb(131, 183, 105) }
```

Background

The CSS property to change the background color of an element to RGB 131, 183, 105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(131, 183, 105) }
```

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

```
.background{ background-color:rgb(131,
183, 105) }
```

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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