

Converting Colors

RGB(129, 181, 133)

Have a look what the booklet for
RGB(129, 181, 133) contains.

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Color

RGB(129, 181, 133)

Conversions

Conversions Part 1

Format	Color
Hex	81B585
RGB	129, 181, 133
RGB Percent	51%, 71%, 52%
CMY	0.4941, 0.2902, 0.4784
CMYK	0.29, 0.00, 0.27, 0.29
HSL	125°, 26%, 61%
HSV	125°, 29%, 71%
XYZ	29.8108, 39.4083, 28.2257
YIQ	159.9800, -15.5840, -25.9520

Conversions

Conversions Part 2

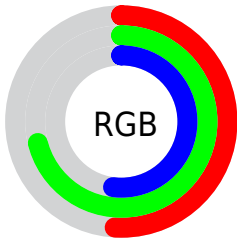
Format	Color
RYB	129, 177, 181
Decimal	8500613
CIELab	69.05, -26.86, 19.11
CIELCh	69, 32.965, 144.576
Yxy	39.4083, 0.3059, 0.4044
Android (android.graphics.Color)	4286690693 (0xFF81B585)
YUV	159.9800, -13.3011, -27.1695
Hunter-Lab	62.7761, -25.0929, 17.2850

Details

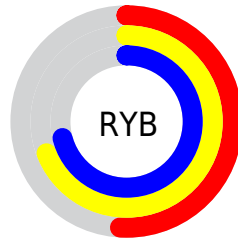
The RGB color **129, 181, 133** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 129, 177**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **183, 237, 186**, and **78, 128, 83** is the 20% darker color. If you saturate the color by 10%, you get **111, 181, 116**, and if you desaturate by 10%, it is **147, 181, 150**.

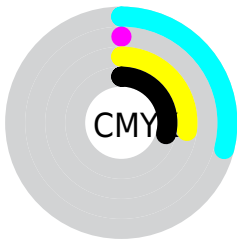
Distribution



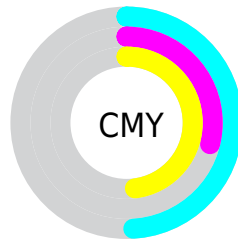
- Red (51%)
- Green (71%)
- Blue (52%)



- Red (51%)
- Yellow (69%)
- Blue (71%)



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



- Cyan (49%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 181, 133 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 129, 181, 133 by changing the saturation by 10% instead.

 129, 181, 133

255, 255, 255

 183, 237, 186

 211, 255, 214

 240, 255, 243

 129, 181, 133

 103, 154, 108

 78, 128, 83

 53, 103, 60

 28, 78, 37

 0, 55, 16

 0, 34, 0


 0, 0, 0

 129, 181, 133

 111, 181, 116


 129, 181, 133


 147, 181, 150


 93, 181, 100

 165, 181, 166

 75, 181, 83


 183, 181, 183


 57, 181, 66


 201, 181, 200

 39, 181, 49


 219, 181, 217

 20, 181, 33

 238, 181, 233

 2, 181, 16

 255, 181, 250

 0, 181, 14

 255, 181, 255

Harmonies

Analogous

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



164, 174, 113



129, 181, 133



93, 184, 162

Triad

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



129, 181, 133



119, 173, 227



227, 147, 145

Complementary

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



129, 181, 133



181, 129, 177

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, 146, 175



129, 181, 133



165, 163, 223

Square

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



129, 181, 133



77, 181, 216



201, 152, 203



217, 155, 121

Rectangle

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



129, 181, 133



72, 185, 182



201, 152, 203



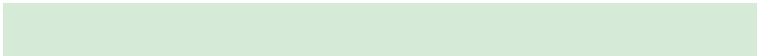
228, 146, 155

Sweetspot

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



129, 181, 133



213, 235, 215



178, 181, 129



104, 117, 105



245, 245, 245



117, 117, 117

Same Dimension

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



129, 181, 133



155, 235, 161



129, 181, 158



80, 89, 81



0, 153, 12



0, 26, 2

Inverse Universe

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



181, 129, 177



235, 155, 228



181, 129, 152



89, 80, 89



153, 0, 141



26, 0, 24

Previews

White Background



This preview shows how the RGB color 129, 181, 133 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 129, 181, 133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

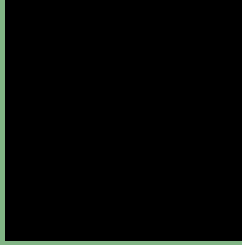
Any Text WCAG AA ✓ Pass

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 129, 181, 133 Background



This preview shows how black text looks on a background with the RGB color 129, 181, 133.

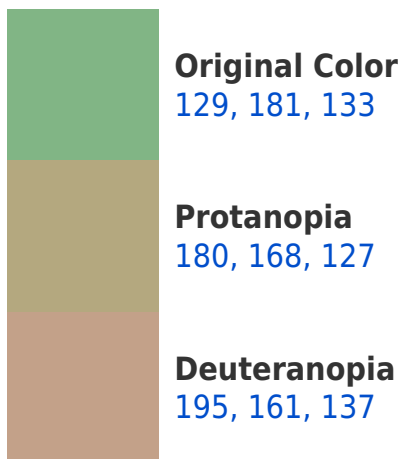


This preview shows how white text looks on a background with the RGB color 129, 181, 133.

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





Tritanopia
139, 174, 188

Trichromacy



Original Color
129, 181, 133

Protanomaly
161, 173, 129

Deuteranomaly
171, 168, 136

Tritanomaly
135, 177, 168

Monochromacy



Original Color
129, 181, 133

Achromatopsia
160, 160, 160

Achromatomaly
149, 168, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 181, 133 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(129, 181, 133)` looks like.

```
.text, #text, p{  
    color:rgb(129, 181, 133)  
}
```

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(129, 181, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 181, 133) }
```

Border

The CSS property to change the border of an element to RGB 129, 181, 133 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(129, 181, 133) }
```

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

```
.border{ border-color:rgb(129, 181, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 181, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 181, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 181, 133); box-shadow:4px 4px 4px 4px rgb(129, 181, 133) }
```

Background

The CSS property to change the background color of an element to RGB 129, 181, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 181, 133) }
```

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

```
.background{ background-color: rgb(129,  
181, 133) }
```

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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