

Converting Colors

RGB(157, 178, 128)

Have a look what the booklet for
RGB(157, 178, 128) contains.

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Color

RGB(157, 178, 128)

Conversions

Conversions Part 1

Format	Color
Hex	9DB280
RGB	157, 178, 128
RGB Percent	62%, 70%, 50%
CMY	0.3843, 0.3020, 0.4980
CMYK	0.12, 0.00, 0.28, 0.30
HSL	85°, 25%, 60%
HSV	85°, 28%, 70%
XYZ	33.7213, 40.5674, 26.4751
YIQ	166.0210, 3.5340, -20.0020

Conversions

Conversions Part 2

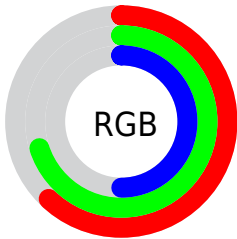
Format	Color
RYB	128, 178, 149
Decimal	10334848
CIELab	69.87, -16.17, 23.22
CIELCh	70, 28.301, 124.854
Yxy	40.5674, 0.3347, 0.4026
Android (android.graphics.Color)	4288524928 (0xFF9DB280)
YUV	166.0210, -18.7444, -7.9114
Hunter-Lab	63.6925, -16.9571, 19.9397

Details

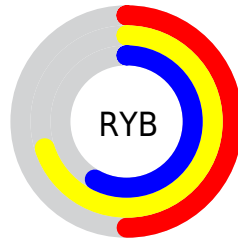
The RGB color **157, 178, 128** is a light color, and the websafe version is hex **999966**. A complement of this color would be **149, 128, 178**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **212, 234, 181**, and **105, 125, 78** is the 20% darker color. If you saturate the color by 10%, you get **150, 178, 110**, and if you desaturate by 10%, it is **164, 178, 146**.

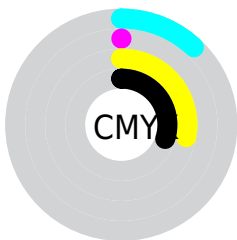
Distribution



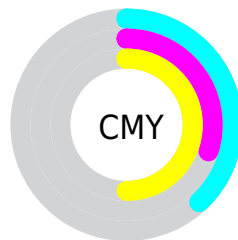
- Red (62%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)




- Cyan (38%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 178, 128 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 157, 178, 128 by changing the saturation by 10% instead.

 157, 178, 128


255, 255, 255

 212, 234, 181


 241, 255, 209

 255, 255, 237

 157, 178, 128

 131, 151, 103

 105, 125, 78

 80, 100, 55

 57, 76, 33


 34, 53, 11


 12, 32, 0

 0, 0, 0

 157, 178, 128

 150, 178, 110

 157, 178, 128

 164, 178, 146

■ 142, 178, 92

■ 172, 178, 164

■ 135, 178, 75

■ 179, 178, 181

■ 127, 178, 57

■ 187, 178, 199

■ 120, 178, 39

■ 194, 178, 217

■ 112, 178, 21

■ 202, 178, 235

■ 105, 178, 3

■ 209, 178, 253

■ 103, 178, 0

■ 217, 178, 255

■ 224, 178, 255

Harmonies

Analogous

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



185, 170, 119



157, 178, 128



127, 183, 148

Triad

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



157, 178, 128



109, 179, 217



221, 152, 167

Complementary

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



157, 178, 128



149, 128, 178

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.



207, 155, 193



157, 178, 128



144, 172, 222

Square

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



157, 178, 128



91, 184, 199



180, 163, 213



221, 155, 143

Rectangle

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



157, 178, 128



109, 185, 165



180, 163, 213



218, 152, 176

Sweetspot

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



157, 178, 128



224, 232, 213



178, 149, 128



112, 117, 106



245, 245, 245



117, 117, 117

Same Dimension

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



157, 178, 128



199, 232, 153



132, 178, 128



86, 89, 80



89, 153, 0



15, 26, 0

Inverse Universe

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



149, 128, 178



186, 153, 232



174, 128, 178



84, 80, 89



64, 0, 153



11, 0, 26

Previews

White Background



This preview shows how the RGB color 157, 178, 128 looks on a white background.

Color Contrast Check

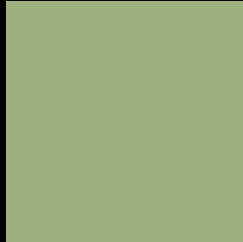
Large Text (above 18pt) WCAG AA × Fail

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 157, 178, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

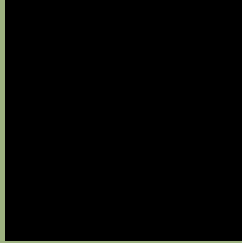
Any Text WCAG AA ✓ Pass

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 157, 178, 128 Background



This preview shows how black text looks on a background with the RGB color 157, 178, 128.

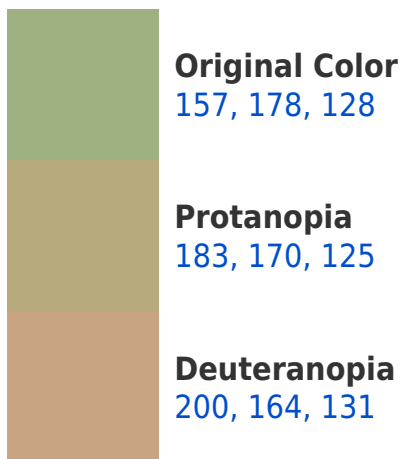


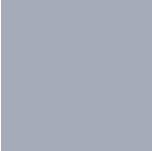
This preview shows how white text looks on a background with the RGB color 157, 178, 128.

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
165, 171, 184

Trichromacy



Original Color
157, 178, 128

Protanomaly
174, 173, 126

Deuteranomaly
184, 169, 130

Tritanomaly
162, 174, 164

Monochromacy



Original Color
157, 178, 128

Achromatopsia
166, 166, 166

Achromatomaly
163, 170, 152

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 178, 128 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(157, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 128)  
}
```

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(157, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 128) }
```

Border

The CSS property to change the border of an element to RGB 157, 178, 128 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(157, 178, 128) }
```

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

```
.border{ border-color:rgb(157, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 157, 178, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 128) }
```

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

```
.background{ background-color: rgb(157,  
178, 128) }
```

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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