

Converting Colors

RGB(129, 172, 156)

Have a look what the booklet for
RGB(129, 172, 156) contains.

RGB(129, 172, 156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(129, 172, 156)

Conversions

Conversions Part 1

Format	Color
Hex	81AC9C
RGB	129, 172, 156
RGB Percent	51%, 67%, 61%
CMY	0.4941, 0.3255, 0.3882
CMYK	0.25, 0.00, 0.09, 0.33
HSL	158°, 21%, 59%
HSV	158°, 25%, 67%
XYZ	29.8065, 36.5725, 36.9407
YIQ	157.3190, -20.4920, -14.0920

Conversions

Conversions Part 2

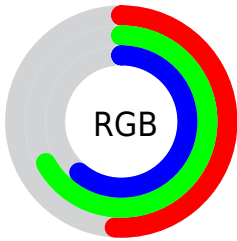
Format	Color
RYB	129, 155, 172
Decimal	8498332
CIELab	66.96, -17.87, 3.54
CIElCh	67, 18.212, 168.807
Yxy	36.5725, 0.2885, 0.3540
Android (android.graphics.Color)	4286688412 (0xFF81AC9C)
YUV	157.3190, -0.6503, -24.8358
Hunter-Lab	60.4752, -17.8539, 6.1159

Details

The RGB color **129, 172, 156** is a light color, and the websafe version is hex **669999**. A complement of this color would be **172, 129, 145**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **183, 228, 210**, and **78, 120, 105** is the 20% darker color. If you saturate the color by 10%, you get **112, 172, 150**, and if you desaturate by 10%, it is **146, 172, 162**.

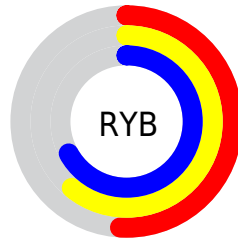
Distribution



Red (51%)

Green (67%)

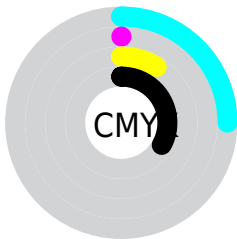
Blue (61%)



Red (51%)

Yellow (61%)

Blue (67%)

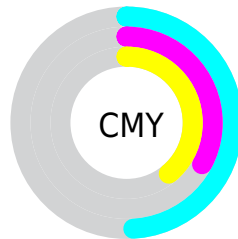


Cyan (25%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (49%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 172, 156 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, 172, 156 by changing the saturation by 10% instead.

 129, 172, 156

255, 255, 255


 183, 228, 210

 211, 255, 239


 239, 255, 255

 129, 172, 156

 103, 145, 130

 78, 120, 105

 54, 95, 81

 31, 71, 58

 6, 48, 36

 0, 28, 15

 0, 0, 0

 129, 172, 156

 112, 172, 150

 129, 172, 156

 146, 172, 162

■ 95, 172, 143

■ 163, 172, 169

■ 77, 172, 137

■ 181, 172, 175

■ 60, 172, 130

■ 198, 172, 182

■ 43, 172, 124

■ 215, 172, 188

■ 26, 172, 118

■ 232, 172, 194

■ 9, 172, 111

■ 249, 172, 201

■ 0, 172, 108

■ 255, 172, 207

■ 255, 172, 214

Harmonies

Analogous

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



146, 169, 141



129, 172, 156



119, 172, 173

Triad

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



129, 172, 156



158, 161, 194



193, 155, 139

Complementary

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



129, 172, 156



172, 129, 145

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.



197, 152, 153



129, 172, 156



178, 155, 185

Square

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



129, 172, 156



137, 166, 195



192, 152, 170



182, 160, 131

Rectangle

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



129, 172, 156



119, 171, 183



192, 152, 170



196, 153, 143

Sweetspot

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



129, 172, 156



206, 224, 218



145, 172, 129



101, 112, 108



240, 240, 240



112, 112, 112

Same Dimension

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



129, 172, 156



157, 224, 199



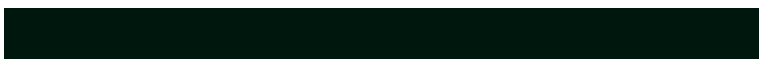
129, 167, 172



78, 87, 83



0, 150, 94



0, 23, 14

Inverse Universe

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



172, 129, 145



224, 157, 182



172, 134, 129



87, 78, 81



150, 0, 56



23, 0, 9

Previews

White Background



This preview shows how the RGB color 129, 172, 156 looks on a white background.

Color Contrast Check

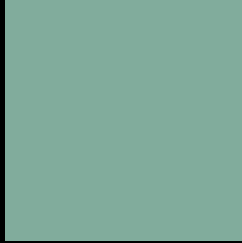
Large Text (above 18pt) WCAG AA × Fail

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, 172, 156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

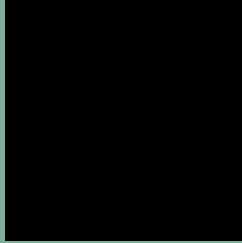
Any Text WCAG AA ✓ Pass

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, 172, 156 Background



This preview shows how black text looks on a background with the RGB color 129, 172, 156.

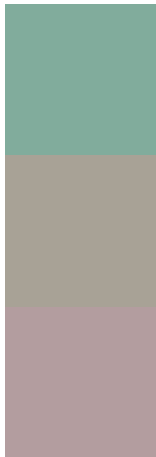


This preview shows how white text looks on a background with the RGB color 129, 172, 156.

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](#).

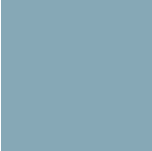
Dichromacy



Original Color
129, 172, 156

Protanopia
168, 162, 150

Deuteranopia
179, 157, 159



Tritanopia

134, 168, 182

Trichromacy



Original Color

129, 172, 156

Protanomaly

154, 166, 152

Deuteranomaly

161, 162, 158

Tritanomaly

132, 169, 173

Monochromacy



Original Color

129, 172, 156

Achromatopsia

157, 157, 157

Achromatomaly

147, 162, 157

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 172, 156 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, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(129, 172, 156)  
}
```

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, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 172, 156) }
```

Border

The CSS property to change the border of an element to RGB 129, 172, 156 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, 172, 156) }
```

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

```
.border{ border-color:rgb(129, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(129, 172,  
156) }
```

Background

The CSS property to change the background color of an element to RGB 129, 172, 156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 172, 156) }
```

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

```
.background{ background-color: rgb(129,  
172, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor