

Converting Colors

RGB(122, 166, 131)

Have a look what the booklet for
RGB(122, 166, 131) contains.

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Color

RGB(122, 166, 131)

Conversions

Conversions Part 1

Format	Color
Hex	7AA683
RGB	122, 166, 131
RGB Percent	48%, 65%, 51%
CMY	0.5216, 0.3490, 0.4863
CMYK	0.27, 0.00, 0.21, 0.35
HSL	132°, 20%, 56%
HSV	132°, 27%, 65%
XYZ	25.7590, 33.0487, 26.4941
YIQ	148.8540, -14.9890, -20.2130

Conversions

Conversions Part 2

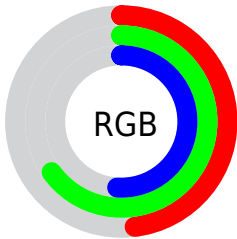
Format	Color
RYB	122, 159, 166
Decimal	8038019
CIELab	64.20, -22.12, 13.42
CIElCh	64, 25.872, 148.766
Yxy	33.0487, 0.3020, 0.3874
Android (android.graphics.Color)	4286228099 (0xFF7AA683)
YUV	148.8540, -8.8020, -23.5510
Hunter-Lab	57.4880, -20.6224, 12.9170

Details

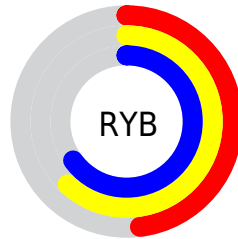
The RGB color **122, 166, 131** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **166, 122, 157**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **175, 221, 184**, and **72, 114, 82** is the 20% darker color. If you saturate the color by 10%, you get **105, 166, 118**, and if you desaturate by 10%, it is **139, 166, 144**.

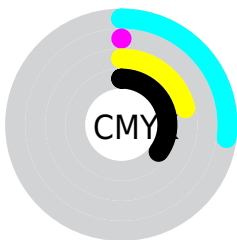
Distribution



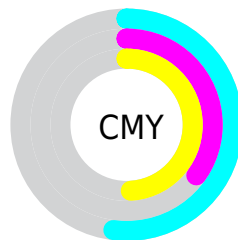
- Red (48%)
- Green (65%)
- Blue (51%)



- Red (48%)
- Yellow (62%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)




- Cyan (52%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 122, 166, 131 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 122, 166, 131 by changing the saturation by 10% instead.


 122, 166, 131


255, 255, 255


 175, 221, 184

 203, 250, 212

 231, 255, 240

 122, 166, 131

 97, 140, 106

 72, 114, 82

 48, 89, 58

 24, 65, 37


 0, 43, 16


 0, 23, 0


 0, 0, 0

 122, 166, 131


 105, 166, 118


 122, 166, 131

 139, 166, 144

 89, 166, 105

 155, 166, 157

 72, 166, 91


 172, 166, 171


 56, 166, 78


 188, 166, 184

 39, 166, 65


 205, 166, 197

 22, 166, 52

 222, 166, 210

 6, 166, 39

 238, 166, 223

 0, 166, 34

 255, 166, 237

 255, 166, 250

Harmonies

Analogous

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



149, 161, 115



122, 166, 131



97, 168, 154

Triad

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



122, 166, 131



125, 158, 201



202, 140, 135

Complementary

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



122, 166, 131



166, 122, 157

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.



199, 139, 157



122, 166, 131



158, 150, 196

Square

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



122, 166, 131



96, 164, 194



184, 143, 180



192, 146, 117

Rectangle

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



122, 166, 131



87, 168, 170



184, 143, 180



202, 139, 142

Sweetspot

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



122, 166, 131



199, 217, 203



157, 166, 122



99, 110, 101



237, 237, 237



110, 110, 110

Same Dimension

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



122, 166, 131



147, 217, 162



122, 166, 153



76, 84, 77



0, 148, 30



0, 20, 4

Inverse Universe

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



166, 122, 157



217, 147, 203



166, 122, 135



84, 76, 82



148, 0, 118



20, 0, 16

Previews

White Background



This preview shows how the RGB color 122, 166, 131 looks on a white background.

Color Contrast Check

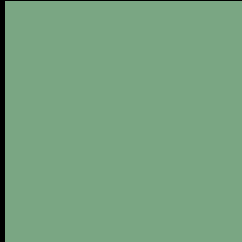
Large Text (above 18pt) WCAG AA × Fail

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 122, 166, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

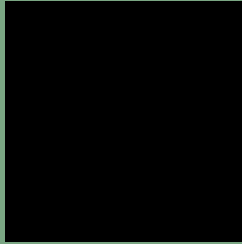
Any Text WCAG AA ✓ Pass

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 122, 166, 131 Background



This preview shows how black text looks on a background with the RGB color 122, 166, 131.




This preview shows how white text looks on a background with the RGB color 122, 166, 131.

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
130, 160, 173

Trichromacy



Original Color
122, 166, 131

Protanomaly
149, 159, 128

Deuteranomaly
157, 155, 134

Tritanomaly
127, 162, 158

Monochromacy



Original Color
122, 166, 131

Achromatopsia
149, 149, 149

Achromatomaly
139, 155, 142

CSS Examples

Text

The CSS property to change the color of the text to RGB 122, 166, 131 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(122, 166, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 131)  
}
```

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(122, 166, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 131) }
```

Border

The CSS property to change the border of an element to RGB 122, 166, 131 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(122, 166, 131) }
```

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

```
.border{ border-color:rgb(122, 166, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 131);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 122, 166, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 131) }
```

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

```
.background{ background-color: rgb(122,  
166, 131) }
```

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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