

Converting Colors

RGB(123, 181, 147)

Have a look what the booklet for
RGB(123, 181, 147) contains.

RGB(123, 181, 147)	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(123, 181, 147)

Conversions

Conversions Part 1

Format	Color
Hex	7BB593
RGB	123, 181, 147
RGB Percent	48%, 71%, 58%
CMY	0.5176, 0.2902, 0.4235
CMYK	0.32, 0.00, 0.19, 0.29
HSL	145°, 28%, 60%
HSV	145°, 32%, 71%
XYZ	29.9587, 39.3653, 33.6230
YIQ	159.7820, -23.6540, -22.8700

Conversions

Conversions Part 2

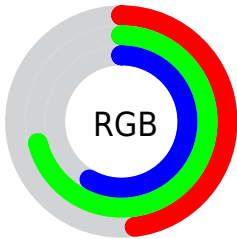
Format	Color
RYB	123, 164, 181
Decimal	8107411
CIELab	69.02, -26.17, 11.39
CIElCh	69, 28.541, 156.470
Yxy	39.3653, 0.2910, 0.3824
Android (android.graphics.Color)	4286297491 (0xFF7BB593)
YUV	159.7820, -6.3015, -32.2578
Hunter-Lab	62.7418, -24.5657, 12.1460

Details

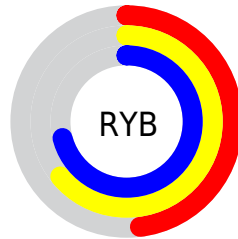
The RGB color **123, 181, 147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **181, 123, 157**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **177, 237, 201**, and **72, 128, 96** is the 20% darker color. If you saturate the color by 10%, you get **105, 181, 136**, and if you desaturate by 10%, it is **141, 181, 158**.

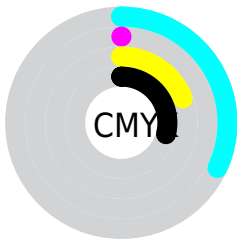
Distribution



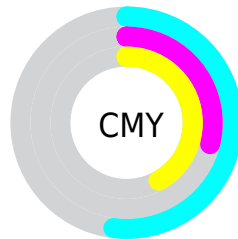
- Red (48%)
- Green (71%)
- Blue (58%)



- Red (48%)
- Yellow (64%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 123, 181, 147 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 123, 181, 147 by changing the saturation by 10% instead.


 123, 181, 147


255, 255, 255


 177, 237, 201

 205, 255, 229


 234, 255, 255

 123, 181, 147

 97, 154, 121

 72, 128, 96

 47, 102, 73

 20, 78, 50


 0, 55, 29


 0, 34, 4


 0, 0, 0

 123, 181, 147


 105, 181, 136

 123, 181, 147


 141, 181, 158

 87, 181, 126

 159, 181, 168

 69, 181, 115

 177, 181, 179


 51, 181, 105


 195, 181, 189


 33, 181, 94

 214, 181, 200

 14, 181, 83

 232, 181, 211

 0, 181, 75

 250, 181, 221

 255, 181, 232

 255, 181, 242

Harmonies

Analogous

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



153, 176, 126



123, 181, 147



97, 183, 173

Triad

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



123, 181, 147



143, 169, 219



218, 152, 139

Complementary

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



123, 181, 147



181, 123, 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.



219, 149, 164



123, 181, 147



179, 160, 210

Square

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



123, 181, 147



107, 177, 215



206, 152, 190



204, 160, 122

Rectangle

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



123, 181, 147



88, 182, 191



206, 152, 190



220, 151, 147

Sweetspot

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



123, 181, 147



211, 235, 221



158, 181, 123



103, 117, 109



245, 245, 245



117, 117, 117

Same Dimension

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



123, 181, 147



145, 235, 182



123, 181, 175



80, 89, 84



0, 153, 63



0, 26, 11

Inverse Universe

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



181, 123, 157



235, 145, 198



181, 123, 129



89, 80, 86



153, 0, 90



26, 0, 15

Previews

White Background



This preview shows how the RGB color 123, 181, 147 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 123, 181, 147 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 123, 181, 147 Background



This preview shows how black text looks on a background with the RGB color 123, 181, 147.



This preview shows how white text looks on a background with the RGB color 123, 181, 147.

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
123, 181, 147

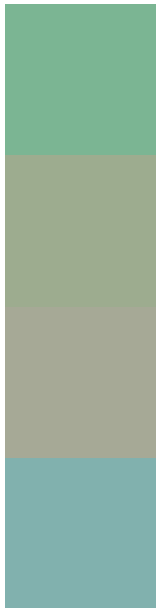
Protanopia
177, 167, 140

Deuteranopia
190, 162, 151



Tritanopia
132, 175, 189

Trichromacy



Original Color
123, 181, 147

Protanomaly
157, 172, 143

Deuteranomaly
166, 169, 150

Tritanomaly
129, 177, 174

Monochromacy



Original Color
123, 181, 147

Achromatopsia
160, 160, 160

Achromatomaly
147, 168, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 123, 181, 147 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(123, 181, 147)` looks like.

```
.text, #text, p{  
    color:rgb(123, 181, 147)  
}
```

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(123, 181, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 181, 147) }
```

Border

The CSS property to change the border of an element to RGB 123, 181, 147 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(123, 181, 147) }
```

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

```
.border{ border-color:rgb(123, 181, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 181, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 181, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 181, 147);  
box-shadow:4px 4px 4px 4px rgb(123, 181,  
147) }
```

Background

The CSS property to change the background color of an element to RGB 123, 181, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 181, 147) }
```

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

```
.background{ background-color: rgb(123,  
181, 147) }
```

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