

Converting Colors

RGB(124, 193, 131)

Have a look what the booklet for
RGB(124, 193, 131) contains.

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Color

RGB(124, 193, 131)

Conversions

Conversions Part 1

Format	Color
Hex	7CC183
RGB	124, 193, 131
RGB Percent	49%, 76%, 51%
CMY	0.5137, 0.2431, 0.4863
CMYK	0.36, 0.00, 0.32, 0.24
HSL	126°, 36%, 62%
HSV	126°, 36%, 76%
XYZ	31.4789, 44.0637, 28.3188
YIQ	165.3010, -21.2220, -33.9100

Conversions

Conversions Part 2

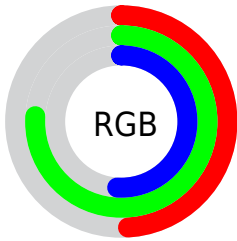
Format	Color
RYB	124, 187, 193
Decimal	8176003
CIELab	72.27, -34.54, 24.53
CIELCh	72, 42.364, 144.622
Yxy	44.0637, 0.3031, 0.4243
Android (android.graphics.Color)	4286366083 (0xFF7CC183)
YUV	165.3010, -16.9104, -36.2210
Hunter-Lab	66.3805, -31.5178, 21.1725

Details

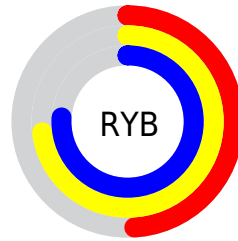
The RGB color **124, 193, 131** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **193, 124, 186**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **179, 250, 184**, and **71, 139, 81** is the 20% darker color. If you saturate the color by 10%, you get **105, 193, 114**, and if you desaturate by 10%, it is **143, 193, 148**.

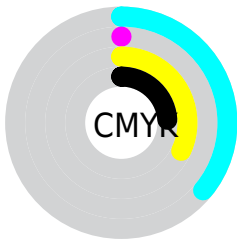
Distribution



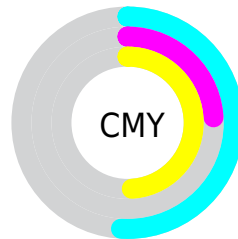
- Red (49%)
- Green (76%)
- Blue (51%)



- Red (49%)
- Yellow (73%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 193, 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 124, 193, 131 by changing the saturation by 10% instead.


 124, 193, 131


255, 255, 255


 179, 250, 184

 207, 255, 212

 236, 255, 241

 124, 193, 131

 97, 166, 106

 71, 139, 81

 45, 113, 57


 14, 88, 35


 0, 64, 13

 0, 42, 0

 0, 15, 0


 0, 0, 0


 124, 193, 131

 124, 193, 131


 105, 193, 114


 143, 193, 148


 85, 193, 96

 163, 193, 166


 66, 193, 79


 182, 193, 183


 47, 193, 62


 201, 193, 200

 28, 193, 44

 221, 193, 218

 8, 193, 27

 240, 193, 235

 0, 193, 20

 255, 193, 252

 255, 193, 255

Harmonies

Analogous

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



170, 185, 105



124, 193, 131



67, 197, 169

Triad

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



124, 193, 131



104, 183, 254



252, 149, 147

Complementary

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



124, 193, 131



193, 124, 186

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.



246, 147, 186



124, 193, 131



171, 170, 248

Square

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



124, 193, 131



0, 193, 239



219, 156, 223



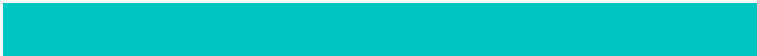
237, 159, 115

Rectangle

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



124, 193, 131



0, 198, 195



219, 156, 223



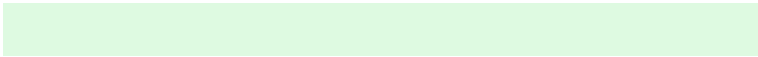
252, 147, 160

Sweetspot

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



124, 193, 131



222, 250, 225



186, 193, 124



109, 125, 110



252, 252, 252



125, 125, 125

Same Dimension

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



124, 193, 131



142, 250, 153



124, 193, 165



87, 97, 88



0, 161, 16



0, 33, 3

Inverse Universe

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



193, 124, 186



250, 142, 239



193, 124, 152



97, 87, 96



161, 0, 144



33, 0, 30

Previews

White Background



This preview shows how the RGB color 124, 193, 131 looks on a white background.

Color Contrast Check

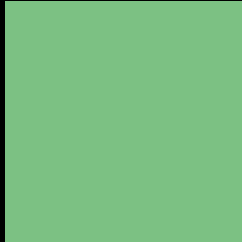
Large Text (above 18pt) WCAG AA × Fail

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 124, 193, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

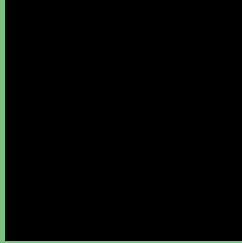
Any Text WCAG AA ✓ Pass

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 124, 193, 131 Background



This preview shows how black text looks on a background with the RGB color 124, 193, 131.

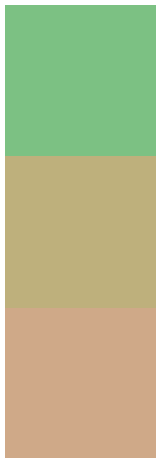


This preview shows how white text looks on a background with the RGB color 124, 193, 131.

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



Original Color
124, 193, 131

Protanopia
190, 176, 124

Deuteranopia
207, 169, 136



Tritanopia
137, 184, 199

Trichromacy



Original Color

124, 193, 131



Protanomaly

166, 182, 127



Deuteranomaly

177, 178, 134



Tritanomaly

132, 187, 174

Monochromacy



Original Color

124, 193, 131



Achromatopsia

165, 165, 165



Achromatomaly

150, 175, 153

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 193, 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(124, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(124, 193, 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(124, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 193, 131) }
```

Border

The CSS property to change the border of an element to RGB 124, 193, 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(124, 193, 131) }
```

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

```
.border{ border-color:rgb(124, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(124, 193,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 124, 193, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 193, 131) }
```

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

```
.background{ background-color: rgb(124,  
193, 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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