

Converting Colors

RGB(129, 194, 164)

Have a look what the booklet for
RGB(129, 194, 164) contains.

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Color

RGB(129, 194, 164)

Conversions

Conversions Part 1

Format	Color
Hex	81C2A4
RGB	129, 194, 164
RGB Percent	51%, 76%, 64%
CMY	0.4941, 0.2392, 0.3569
CMYK	0.34, 0.00, 0.15, 0.24
HSL	152°, 35%, 63%
HSV	152°, 34%, 76%
XYZ	35.0459, 45.9310, 42.1404
YIQ	171.1450, -29.1100, -23.1100

Conversions

Conversions Part 2

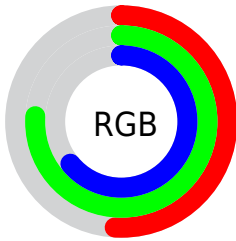
Format	Color
RYB	129, 171, 194
Decimal	8503972
CIELab	73.50, -27.24, 8.56
CIElCh	74, 28.554, 162.553
Yxy	45.9310, 0.2847, 0.3731
Android (android.graphics.Color)	4286694052 (0xFF81C2A4)
YUV	171.1450, -3.5225, -36.9612
Hunter-Lab	67.7724, -26.2974, 10.5746

Details

The RGB color **129, 194, 164** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 129, 159**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **184, 251, 219**, and **77, 140, 112** is the 20% darker color. If you saturate the color by 10%, you get **110, 194, 155**, and if you desaturate by 10%, it is **148, 194, 173**.

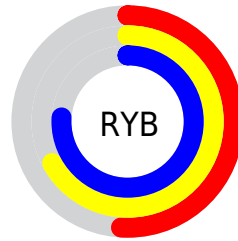
Distribution



Red (51%)

Green (76%)

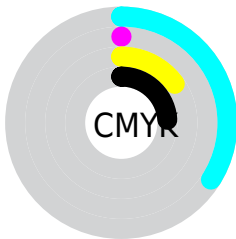
Blue (64%)



Red (51%)

Yellow (67%)

Blue (76%)

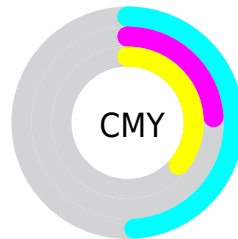


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (24%)



Cyan (49%)

Magenta (24%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 194, 164 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, 194, 164 by changing the saturation by 10% instead.

 129, 194, 164


255, 255, 255

 184, 251, 219


 212, 255, 247

 241, 255, 255

 129, 194, 164

 103, 167, 138

 77, 140, 112

 51, 114, 88

 23, 89, 64

 0, 66, 42


 0, 43, 22

 0, 21, 0


 0, 0, 0

 129, 194, 164


 129, 194, 164

 110, 194, 155


 148, 194, 173

 90, 194, 146


 168, 194, 182


 71, 194, 137


 187, 194, 191

 51, 194, 128

 207, 194, 200

 32, 194, 119

 226, 194, 209

 13, 194, 110

 245, 194, 218

 0, 194, 104

 255, 194, 227

 255, 194, 236

 255, 194, 245

Harmonies

Analogous

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



159, 190, 141



129, 194, 164



106, 195, 191

Triad

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



129, 194, 164



163, 179, 231



229, 166, 146

Complementary

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



129, 194, 164



194, 129, 159

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.



233, 161, 170



129, 194, 164



198, 170, 219

Square

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



129, 194, 164



127, 188, 230



223, 163, 197



213, 174, 131

Rectangle

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



129, 194, 164



100, 194, 208



223, 163, 197



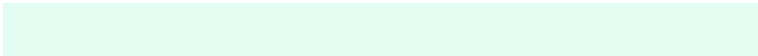
232, 164, 154

Sweetspot

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



129, 194, 164



227, 252, 241



159, 194, 129



112, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



129, 194, 164



151, 252, 206



129, 192, 194



87, 97, 92



0, 161, 87



0, 33, 18

Inverse Universe

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



194, 129, 159



252, 151, 198



194, 131, 129



97, 87, 92



161, 0, 74



33, 0, 15

Previews

White Background



This preview shows how the RGB color 129, 194, 164 looks on a white background.

Color Contrast Check

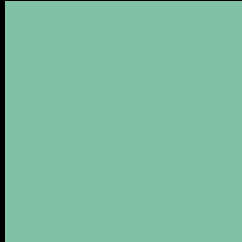
Large Text (above 18pt) WCAG AA × Fail

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, 194, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

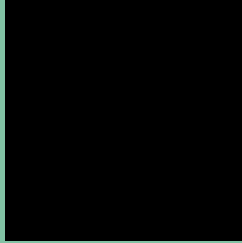
Any Text WCAG AA ✓ Pass

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, 194, 164 Background



This preview shows how black text looks on a background with the RGB color 129, 194, 164.

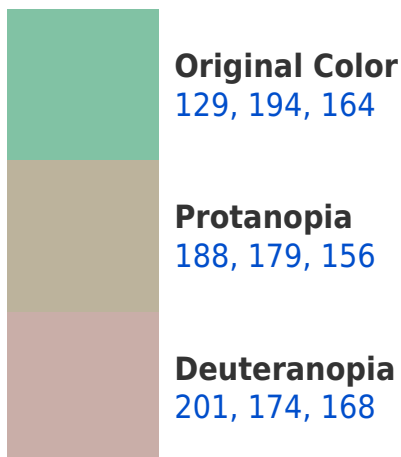


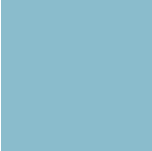
This preview shows how white text looks on a background with the RGB color 129, 194, 164.

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
138, 188, 204

Trichromacy



Original Color
129, 194, 164

Protanomaly
167, 184, 159

Deuteranomaly
175, 181, 167

Tritanomaly
135, 190, 189

Monochromacy



Original Color
129, 194, 164

Achromatopsia
171, 171, 171

Achromatomaly
156, 179, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 194, 164 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, 194, 164)` looks like.

```
.text, #text, p{  
    color:rgb(129, 194, 164)  
}
```

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, 194, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 194, 164) }
```

Border

The CSS property to change the border of an element to RGB 129, 194, 164 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, 194, 164) }
```

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

```
.border{ border-color:rgb(129, 194, 164) }
```

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

Here you see how a box with a 4 pixel rgb(129, 194, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 194, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 194, 164);  
box-shadow:4px 4px 4px 4px rgb(129, 194,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 129, 194, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 194, 164) }
```

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

```
.background{ background-color: rgb(129,  
194, 164) }
```

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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