

Converting Colors

RGB(129, 192, 121)

Have a look what the booklet for
RGB(129, 192, 121) contains.

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Color

RGB(129, 192, 121)

Conversions

Conversions Part 1

Format	Color
Hex	81C079
RGB	129, 192, 121
RGB Percent	51%, 75%, 47%
CMY	0.4941, 0.2471, 0.5255
CMYK	0.33, 0.00, 0.37, 0.25
HSL	113°, 36%, 61%
HSV	113°, 37%, 75%
XYZ	31.3541, 43.7469, 24.8806
YIQ	165.0690, -14.7570, -35.4370

Conversions

Conversions Part 2

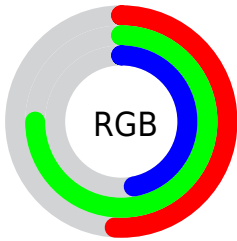
Format	Color
RYB	121, 192, 184
Decimal	8503417
CIELab	72.06, -34.09, 29.55
CIElCh	72, 45.113, 139.074
Yxy	43.7469, 0.3136, 0.4375
Android (android.graphics.Color)	4286693497 (0xFF81C079)
YUV	165.0690, -21.7260, -31.6325
Hunter-Lab	66.1414, -31.1302, 23.9957

Details

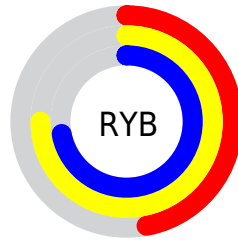
The RGB color **129, 192, 121** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 121, 192**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **184, 249, 174**, and **76, 138, 71** is the 20% darker color. If you saturate the color by 10%, you get **112, 192, 102**, and if you desaturate by 10%, it is **146, 192, 140**.

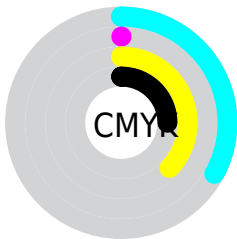
Distribution



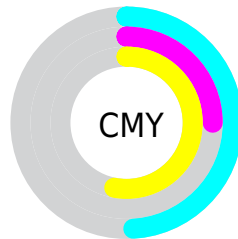
- Red (51%)
- Green (75%)
- Blue (47%)



- Red (47%)
- Yellow (75%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 192, 121 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, 192, 121 by changing the saturation by 10% instead.

 129, 192, 121

255, 255, 255

 184, 249, 174

 212, 255, 202

 241, 255, 230

 129, 192, 121

 102, 165, 96

 76, 138, 71

 50, 112, 48

 22, 87, 25

 0, 63, 0


 0, 41, 0

 0, 14, 0

 0, 0, 0


 129, 192, 121


 129, 192, 121


 112, 192, 102


 146, 192, 140

 95, 192, 83

 163, 192, 159

 78, 192, 63

 180, 192, 179


 61, 192, 44

 197, 192, 198

 44, 192, 25

 214, 192, 217

 27, 192, 6

 231, 192, 236

 22, 192, 0

 248, 192, 255

 255, 192, 255

Harmonies

Analogous

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



176, 182, 97



129, 192, 121



67, 197, 160

Triad

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



129, 192, 121



77, 185, 255



255, 144, 152

Complementary

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



129, 192, 121



184, 121, 192

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, 145, 194



129, 192, 121



157, 172, 254

Square

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



129, 192, 121



0, 194, 238



213, 156, 231



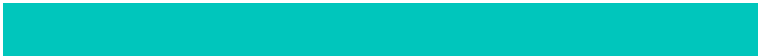
244, 154, 116

Rectangle

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



129, 192, 121



0, 198, 188



213, 156, 231



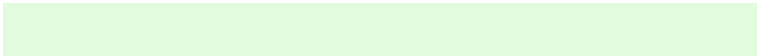
255, 143, 166

Sweetspot

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



129, 192, 121



226, 250, 222



192, 184, 121



111, 125, 109



252, 252, 252



125, 125, 125

Same Dimension

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



129, 192, 121



152, 250, 140



121, 192, 148



88, 97, 87



18, 161, 0



4, 33, 0

Inverse Universe

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



184, 121, 192



238, 140, 250



192, 121, 165



96, 87, 97



143, 0, 161



29, 0, 33

Previews

White Background



This preview shows how the RGB color 129, 192, 121 looks on a white background.

Color Contrast Check

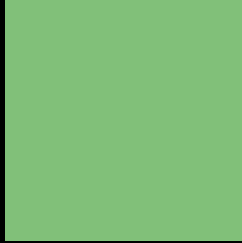
Large Text (above 18pt) WCAG AA × Fail

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, 192, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

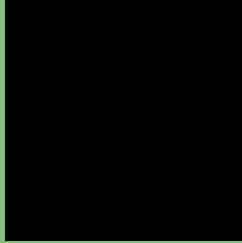
Any Text WCAG AA ✓ Pass

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, 192, 121 Background



This preview shows how black text looks on a background with the RGB color 129, 192, 121.

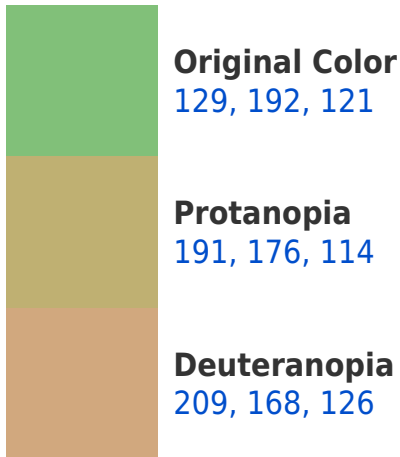


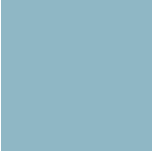
This preview shows how white text looks on a background with the RGB color 129, 192, 121.

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
143, 183, 197

Trichromacy



Original Color

129, 192, 121



Protanomaly

168, 182, 117



Deuteranomaly

180, 177, 124



Tritanomaly

138, 186, 169

Monochromacy



Original Color

129, 192, 121



Achromatopsia

165, 165, 165



Achromatomaly

152, 175, 149

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 192, 121 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, 192, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 192, 121)  
}
```

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, 192, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 192, 121) }
```

Border

The CSS property to change the border of an element to RGB 129, 192, 121 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, 192, 121) }
```

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

```
.border{ border-color:rgb(129, 192, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 192, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 192, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 192, 121); box-shadow:4px 4px 4px 4px rgb(129, 192, 121) }
```

Background

The CSS property to change the background color of an element to RGB 129, 192, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 192, 121) }
```

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

```
.background{ background-color: rgb(129,  
192, 121) }
```

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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