

Converting Colors

RGB(125, 199, 131)

Have a look what the booklet for
RGB(125, 199, 131) contains.

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Color

RGB(125, 199, 131)

Conversions

Conversions Part 1

Format	Color
Hex	7DC783
RGB	125, 199, 131
RGB Percent	49%, 78%, 51%
CMY	0.5098, 0.2196, 0.4863
CMYK	0.37, 0.00, 0.34, 0.22
HSL	125°, 40%, 64%
HSV	125°, 37%, 78%
XYZ	32.9776, 46.8455, 28.7767
YIQ	169.1220, -22.2760, -36.8360

Conversions

Conversions Part 2

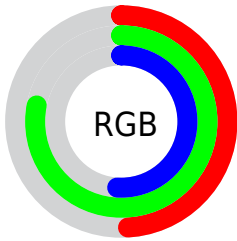
Format	Color
RYB	125, 193, 199
Decimal	8243075
CIELab	74.09, -36.98, 26.98
CIELCh	74, 45.777, 143.886
Yxy	46.8455, 0.3037, 0.4314
Android (android.graphics.Color)	4286433155 (0xFF7DC783)
YUV	169.1220, -18.7941, -38.6950
Hunter-Lab	68.4438, -33.7717, 22.9826

Details

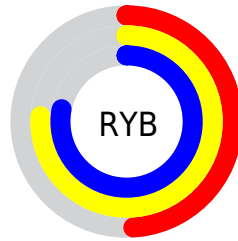
The RGB color **125, 199, 131** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **199, 125, 193**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **180, 255, 184**, and **72, 145, 81** is the 20% darker color. If you saturate the color by 10%, you get **105, 199, 113**, and if you desaturate by 10%, it is **145, 199, 149**.

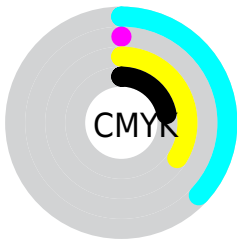
Distribution



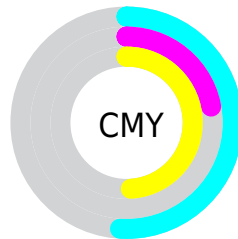
- Red (49%)
- Green (78%)
- Blue (51%)



- Red (49%)
- Yellow (76%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 125, 199, 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 125, 199, 131 by changing the saturation by 10% instead.

 125, 199, 131


255, 255, 255


 180, 255, 184

 209, 255, 212

 237, 255, 241

 125, 199, 131

 98, 171, 105

 72, 145, 81

 44, 118, 57

 10, 93, 34

 0, 69, 11

 0, 46, 0

 0, 23, 0


 0, 0, 0

 125, 199, 131

 125, 199, 131

 105, 199, 113

 145, 199, 149

 85, 199, 94

 165, 199, 168

 65, 199, 76


 185, 199, 186

 45, 199, 58


 205, 199, 204

 25, 199, 40

 225, 199, 222

 6, 199, 21

 244, 199, 241

 0, 199, 16

 255, 199, 255

Harmonies

Analogous

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



175, 190, 103



125, 199, 131



57, 204, 172

Triad

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



125, 199, 131



97, 189, 255



255, 150, 150

Complementary

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



125, 199, 131



199, 125, 193

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.



255, 149, 193



125, 199, 131



173, 174, 255

Square

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



125, 199, 131



0, 199, 249



226, 159, 232



247, 162, 116

Rectangle

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



125, 199, 131



0, 204, 201



226, 159, 232



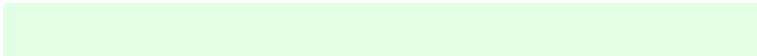
255, 149, 164

Sweetspot

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



125, 199, 131



227, 255, 229



194, 199, 125



111, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



125, 199, 131



140, 255, 150



125, 199, 167



90, 99, 90



0, 163, 13



0, 36, 3

Inverse Universe

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



199, 125, 193



255, 140, 246



199, 125, 157



99, 90, 99



163, 0, 150



36, 0, 33

Previews

White Background



This preview shows how the RGB color 125, 199, 131 looks on a white background.

Color Contrast Check

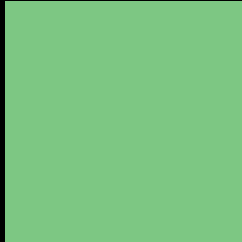
Large Text (above 18pt) WCAG AA × Fail

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 125, 199, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

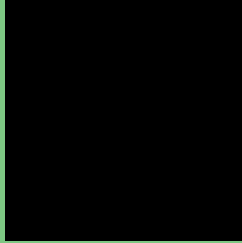
Any Text WCAG AA ✓ Pass

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 125, 199, 131 Background



This preview shows how black text looks on a background with the RGB color 125, 199, 131.

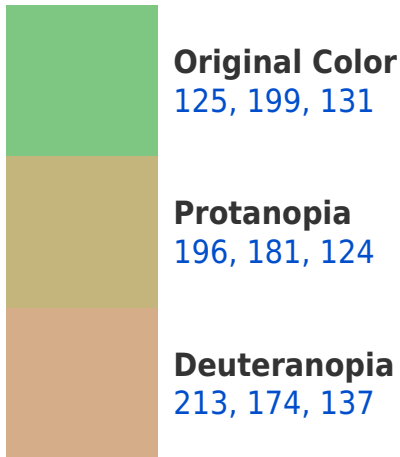


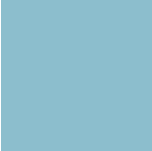
This preview shows how white text looks on a background with the RGB color 125, 199, 131.

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
140, 190, 205

Trichromacy



Original Color

125, 199, 131



Protanomaly

170, 188, 127



Deuteranomaly

181, 183, 135



Tritanomaly

135, 193, 178

Monochromacy



Original Color

125, 199, 131



Achromatopsia

169, 169, 169



Achromatomaly

153, 180, 155

CSS Examples

Text

The CSS property to change the color of the text to RGB 125, 199, 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(125, 199, 131)` looks like.

```
.text, #text, p{  
    color:rgb(125, 199, 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(125, 199, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 199, 131) }
```

Border

The CSS property to change the border of an element to RGB 125, 199, 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(125, 199, 131) }
```

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

```
.border{ border-color:rgb(125, 199, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 199, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 199, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 199, 131);  
box-shadow:4px 4px 4px 4px rgb(125, 199,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 125, 199, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 199, 131) }
```

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

```
.background{ background-color: rgb(125,  
199, 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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