

Converting Colors

RGB(129, 213, 131)

Have a look what the booklet for
RGB(129, 213, 131) contains.

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Color

RGB(129, 213, 131)

Conversions

Conversions Part 1

Format	Color
Hex	81D583
RGB	129, 213, 131
RGB Percent	51%, 84%, 51%
CMY	0.4941, 0.1647, 0.4863
CMYK	0.39, 0.00, 0.38, 0.16
HSL	121°, 50%, 67%
HSV	121°, 39%, 84%
XYZ	36.9442, 53.8943, 29.9282
YIQ	178.5360, -23.7420, -43.3100

Conversions

Conversions Part 2

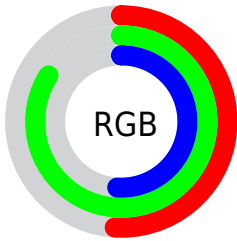
Format	Color
RYB	129, 211, 213
Decimal	8508803
CIELab	78.40, -42.00, 32.72
CIELCh	78, 53.240, 142.078
Yxy	53.8943, 0.3059, 0.4463
Android (android.graphics.Color)	4286698883 (0xFF81D583)
YUV	178.5360, -23.4352, -43.4431
Hunter-Lab	73.4128, -38.6439, 27.2181

Details

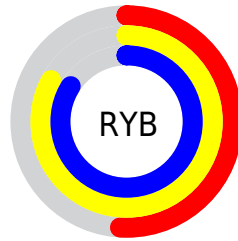
The RGB color **129, 213, 131** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **213, 129, 211**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **185, 255, 185**, and **74, 158, 80** is the 20% darker color. If you saturate the color by 10%, you get **108, 213, 110**, and if you desaturate by 10%, it is **150, 213, 152**.

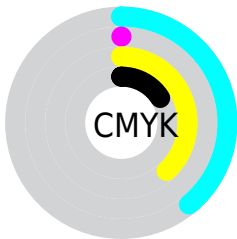
Distribution



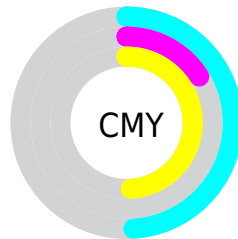
- Red (51%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (84%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 213, 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 129, 213, 131 by changing the saturation by 10% instead.

 129, 213, 131


255, 255, 255


 185, 255, 185

 214, 255, 213

 243, 255, 241

 129, 213, 131

 102, 185, 105

 74, 158, 80

 45, 131, 56

 6, 105, 32

 0, 80, 7

 0, 56, 0

 0, 36, 0

 0, 0, 0

 129, 213, 131

 129, 213, 131

 108, 213, 110

 150, 213, 152

 86, 213, 89

 172, 213, 173

 65, 213, 69

 193, 213, 193

 44, 213, 48

 214, 213, 214

 23, 213, 27

 235, 213, 235

 1, 213, 6

 255, 213, 255

 0, 213, 5

Harmonies

Analogous

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



187, 202, 99



129, 213, 131



28, 219, 179

Triad

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



129, 213, 131



72, 203, 255



255, 155, 159

Complementary

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



129, 213, 131



213, 129, 211

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, 154, 209



129, 213, 131



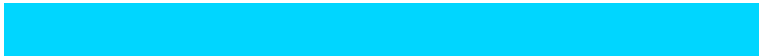
177, 186, 255

Square

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



129, 213, 131



0, 214, 255



243, 167, 255



255, 169, 117

Rectangle

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



129, 213, 131



0, 219, 213



243, 167, 255



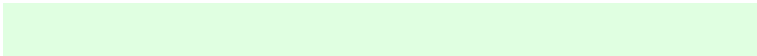
255, 153, 176

Sweetspot

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



129, 213, 131



224, 255, 225



212, 213, 129



110, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



129, 213, 131



135, 255, 138



129, 213, 172



96, 107, 97



0, 171, 4



0, 43, 1

Inverse Universe

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



213, 129, 211



255, 135, 252



213, 129, 170



107, 96, 107



171, 0, 167



43, 0, 42

Previews

White Background



This preview shows how the RGB color 129, 213, 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 129, 213, 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 129, 213, 131 Background



This preview shows how black text looks on a background with the RGB color 129, 213, 131.

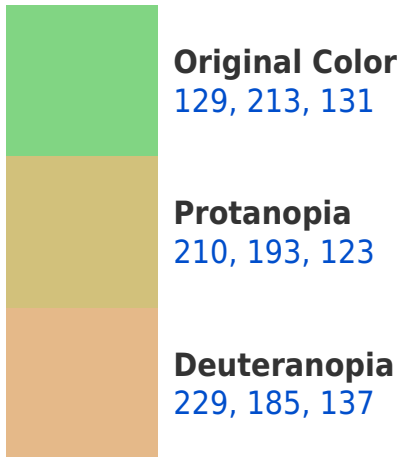


This preview shows how white text looks on a background with the RGB color 129, 213, 131.

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
146, 202, 219

Trichromacy



Original Color

129, 213, 131



Protanomaly

181, 200, 126



Deuteranomaly

193, 195, 135



Tritanomaly

140, 206, 187

Monochromacy



Original Color

129, 213, 131



Achromatopsia

179, 179, 179



Achromatomaly

161, 191, 162

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 213, 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(129, 213, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 213, 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(129, 213, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 213, 131) }
```

Border

The CSS property to change the border of an element to RGB 129, 213, 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(129, 213, 131) }
```

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

```
.border{ border-color:rgb(129, 213, 131) }
```

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

Here you see how a box with a 4 pixel rgb(129, 213, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 213, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 213, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 213,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 129, 213, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 213, 131) }
```

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

```
.background{ background-color: rgb(129,  
213, 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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