

Converting Colors

RGB(132, 204, 129)

Have a look what the booklet for
RGB(132, 204, 129) contains.

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Color

RGB(132, 204, 129)

Conversions

Conversions Part 1

Format	Color
Hex	84CC81
RGB	132, 204, 129
RGB Percent	52%, 80%, 51%
CMY	0.4824, 0.2000, 0.4941
CMYK	0.35, 0.00, 0.37, 0.20
HSL	118°, 42%, 65%
HSV	118°, 37%, 80%
XYZ	35.0710, 49.6762, 28.5089
YIQ	173.9220, -18.8370, -38.5890

Conversions

Conversions Part 2

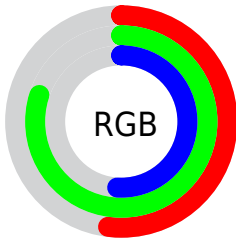
Format	Color
RYB	129, 204, 201
Decimal	8703105
CIELab	75.87, -37.37, 30.45
CIELCh	76, 48.201, 140.826
Yxy	49.6762, 0.3097, 0.4386
Android (android.graphics.Color)	4286893185 (0xFF84CC81)
YUV	173.9220, -22.1465, -36.7656
Hunter-Lab	70.4814, -34.5221, 25.3548

Details

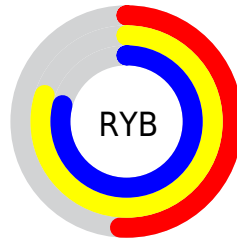
The RGB color **132, 204, 129** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **201, 129, 204**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **187, 255, 183**, and **78, 149, 79** is the 20% darker color. If you saturate the color by 10%, you get **112, 204, 109**, and if you desaturate by 10%, it is **152, 204, 149**.

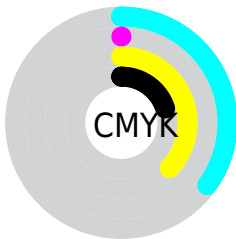
Distribution



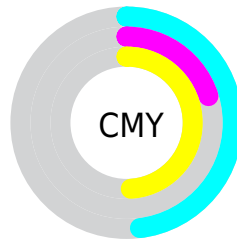
- Red (52%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)



- Cyan (48%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 204, 129 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 132, 204, 129 by changing the saturation by 10% instead.

 132, 204, 129

255, 255, 255

 187, 255, 183


 216, 255, 210


 245, 255, 239

 132, 204, 129

 105, 176, 103

 78, 149, 79

 52, 123, 55

 21, 98, 31

 0, 73, 7

 0, 50, 0

 0, 29, 0

 0, 0, 0


 132, 204, 129

 132, 204, 129


 112, 204, 109

 152, 204, 149

 93, 204, 88

 171, 204, 170

 73, 204, 68


 191, 204, 190

 54, 204, 47

 210, 204, 211

 34, 204, 27

 230, 204, 231

 14, 204, 7

 250, 204, 251

 8, 204, 0

 255, 204, 255

Harmonies

Analogous

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



184, 194, 101



132, 204, 129



61, 209, 171

Triad

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



132, 204, 129



83, 196, 255



255, 152, 158

Complementary

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



132, 204, 129



201, 129, 204

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, 152, 203



132, 204, 129



170, 181, 255

Square

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



132, 204, 129



0, 206, 255



229, 164, 244



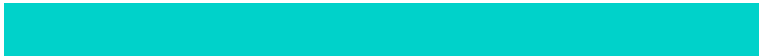
255, 164, 120

Rectangle

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



132, 204, 129



0, 210, 202



229, 164, 244



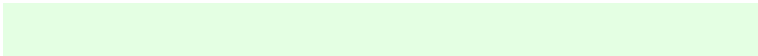
255, 151, 172

Sweetspot

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



132, 204, 129



228, 255, 227



204, 200, 129



112, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



132, 204, 129



147, 255, 143



129, 204, 163



92, 102, 92



7, 166, 0



2, 38, 0

Inverse Universe

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



201, 129, 204



251, 143, 255



204, 129, 170



102, 92, 102



159, 0, 166



37, 0, 38

Previews

White Background



This preview shows how the RGB color 132, 204, 129 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 132, 204, 129 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 132, 204, 129 Background



This preview shows how black text looks on a background with the RGB color 132, 204, 129.



This preview shows how white text looks on a background with the RGB color 132, 204, 129.

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
[132, 204, 129](#)

Protanopia
[202, 186, 122](#)

Deuteranopia
[221, 178, 135](#)



Tritanopia
147, 194, 210

Trichromacy



Original Color

132, 204, 129



Protanomaly

177, 193, 125



Deuteranomaly

189, 187, 133



Tritanomaly

142, 198, 181

Monochromacy



Original Color

132, 204, 129



Achromatopsia

174, 174, 174



Achromatomaly

159, 185, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 204, 129 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(132, 204, 129)` looks like.

```
.text, #text, p{  
    color:rgb(132, 204, 129)  
}
```

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(132, 204, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 204, 129) }
```

Border

The CSS property to change the border of an element to RGB 132, 204, 129 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(132, 204, 129) }
```

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

```
.border{ border-color:rgb(132, 204, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 204, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 204, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 204, 129); box-shadow:4px 4px 4px 4px rgb(132, 204, 129) }
```

Background

The CSS property to change the background color of an element to RGB 132, 204, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 204, 129) }
```

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

```
.background{ background-color: rgb(132,  
204, 129) }
```

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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