

Converting Colors

RGB(132, 221, 151)

Have a look what the booklet for
RGB(132, 221, 151) contains.

RGB(132, 221, 151)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(132, 221, 151)

Conversions

Conversions Part 1

Format	Color
Hex	84DD97
RGB	132, 221, 151
RGB Percent	52%, 87%, 59%
CMY	0.4824, 0.1333, 0.4078
CMYK	0.40, 0.00, 0.32, 0.13
HSL	133°, 57%, 69%
HSV	133°, 40%, 87%
XYZ	40.9581, 58.8528, 38.4792
YIQ	186.4090, -30.5740, -40.6380

Conversions

Conversions Part 2

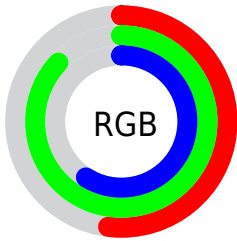
Format	Color
RYB	132, 205, 221
Decimal	8707479
CIELab	81.21, -41.35, 26.20
CIElCh	81, 48.953, 147.637
Yxy	58.8528, 0.2962, 0.4256
Android (android.graphics.Color)	4286897559 (0xFF84DD97)
YUV	186.4090, -17.4566, -47.7167
Hunter-Lab	76.7156, -38.9520, 23.9621

Details

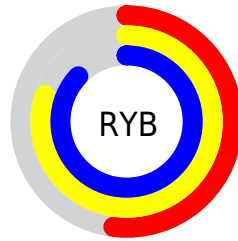
The RGB color **132, 221, 151** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **221, 132, 202**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **188, 255, 206**, and **77, 165, 100** is the 20% darker color. If you saturate the color by 10%, you get **110, 221, 134**, and if you desaturate by 10%, it is **154, 221, 168**.

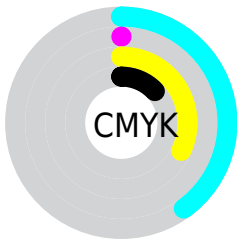
Distribution



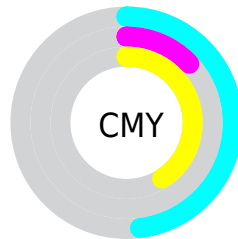
- Red (52%)
- Green (87%)
- Blue (59%)



- Red (52%)
- Yellow (80%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)



- Cyan (48%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 132, 221, 151 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, 221, 151 by changing the saturation by 10% instead.

 132, 221, 151


255, 255, 255


 188, 255, 206

 217, 255, 234


 246, 255, 255


 132, 221, 151

 104, 193, 125

 77, 165, 100

 48, 138, 75

 9, 112, 52

 0, 87, 29

 0, 63, 5

 0, 41, 0

 0, 8, 0

 0, 0, 0

 132, 221, 151

 132, 221, 151

 110, 221, 134

 154, 221, 168

 88, 221, 116


 176, 221, 186

 66, 221, 99

 198, 221, 203

 44, 221, 81

 220, 221, 221

 21, 221, 64

 243, 221, 238

 0, 221, 47

 255, 221, 255

Harmonies

Analogous

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



187, 212, 118



132, 221, 151



54, 225, 196

Triad

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



132, 221, 151



122, 207, 255



255, 168, 162

Complementary

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



132, 221, 151



221, 132, 202

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, 165, 207



132, 221, 151



201, 191, 255

Square

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



132, 221, 151



0, 219, 255



255, 175, 251



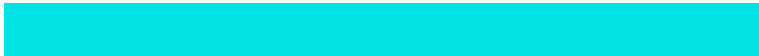
255, 182, 125

Rectangle

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



132, 221, 151



0, 226, 228



255, 175, 251



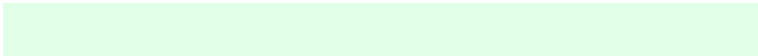
255, 166, 176

Sweetspot

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



132, 221, 151



224, 255, 231



203, 221, 132



110, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



132, 221, 151



133, 255, 159



132, 221, 194



99, 110, 101



0, 173, 37



0, 46, 10

Inverse Universe

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



221, 132, 202



255, 133, 229



221, 132, 159



110, 99, 107



173, 0, 136



46, 0, 36

Previews

White Background



This preview shows how the RGB color 132, 221, 151 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, 221, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

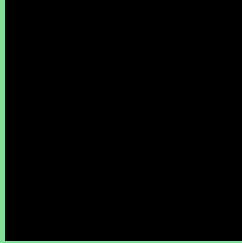
Any Text WCAG AA ✓ Pass

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, 221, 151 Background



This preview shows how black text looks on a background with the RGB color 132, 221, 151.



This preview shows how white text looks on a background with the RGB color 132, 221, 151.

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, 221, 151

Protanopia
216, 200, 142

Deuteranopia
235, 193, 157



Tritanopia
148, 211, 228

Trichromacy



Original Color

132, 221, 151



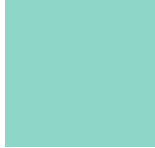
Protanomaly

185, 208, 145



Deuteranomaly

198, 203, 155



Tritanomaly

142, 215, 200

Monochromacy



Original Color

132, 221, 151



Achromatopsia

186, 186, 186



Achromatomaly

166, 199, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 132, 221, 151 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, 221, 151)` looks like.

```
.text, #text, p{  
    color:rgb(132, 221, 151)  
}
```

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, 221, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 221, 151) }
```

Border

The CSS property to change the border of an element to RGB 132, 221, 151 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, 221, 151) }
```

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

```
.border{ border-color:rgb(132, 221, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 221, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 221, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 221, 151);  
box-shadow:4px 4px 4px 4px rgb(132, 221,  
151) }
```

Background

The CSS property to change the background color of an element to RGB 132, 221, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 221, 151) }
```

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

```
.background{ background-color: rgb(132,  
221, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor