

# Converting Colors

RGB(137, 196, 143)

Have a look what the booklet for  
RGB(137, 196, 143) contains.

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# **Color**

**RGB(137, 196, 143)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89C48F
RGB	137, 196, 143
RGB Percent	54%, 77%, 56%
CMY	0.4627, 0.2314, 0.4392
CMYK	0.30, 0.00, 0.27, 0.23
HSL	126°, 33%, 65%
HSV	126°, 30%, 77%
XYZ	35.0144, 46.7814, 33.1709
YIQ	172.3170, -18.1510, -28.9910

# Conversions

## Conversions Part 2

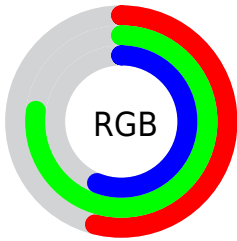
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 191, 196
Decimal	9028751
CIELab	74.05, -29.71, 20.68
CIElCh	74, 36.204, 145.158
Yxy	46.7814, 0.3046, 0.4069
Android (android.graphics.Color)	4287218831 (0xFF89C48F)
YUV	172.3170, -14.4533, -30.9730
Hunter-Lab	68.3969, -28.3153, 19.1236

# Details

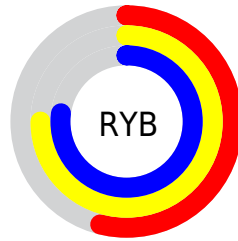
The RGB color **137, 196, 143** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 137, 190**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **192, 253, 197**, and **85, 142, 92** is the 20% darker color. If you saturate the color by 10%, you get **117, 196, 125**, and if you desaturate by 10%, it is **157, 196, 161**.

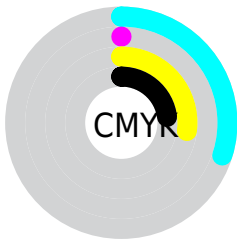
# Distribution



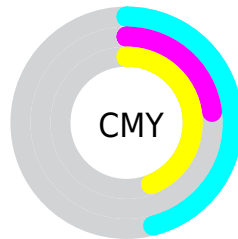
- Red (54%)
- Green (77%)
- Blue (56%)



- Red (54%)
- Yellow (75%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (46%)
- Magenta (23%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 137, 196, 143 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 137, 196, 143 by changing the saturation by 10% instead.



 137, 196, 143

255, 255, 255


 192, 253, 197

 220, 255, 225

 249, 255, 254

 137, 196, 143

 111, 169, 117

 85, 142, 92

 60, 116, 68


 34, 91, 46

 3, 67, 24

 0, 44, 0

 0, 23, 0


 0, 0, 0

 137, 196, 143


 137, 196, 143

 117, 196, 125

 157, 196, 161


 98, 196, 108

 176, 196, 178

 78, 196, 90

 196, 196, 196

 59, 196, 73


 215, 196, 213

 39, 196, 55

 235, 196, 231

 19, 196, 37

 255, 196, 249

 0, 196, 20

 255, 196, 255

# Harmonies

## Analogous

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



176, 189, 121



137, 196, 143



96, 200, 175

# Triad

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



137, 196, 143



127, 187, 248



247, 158, 155

# Complementary

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



137, 196, 143



196, 137, 190

# 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.



243, 157, 189



137, 196, 143



179, 175, 242

# Square

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



137, 196, 143



77, 195, 236



219, 164, 220



235, 167, 129

# Rectangle

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



137, 196, 143



71, 200, 198



219, 164, 220



248, 157, 166

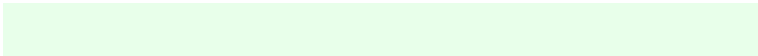


# Sweetspot

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



137, 196, 143



232, 255, 234



190, 196, 137



113, 128, 115



0, 0, 0



128, 128, 128

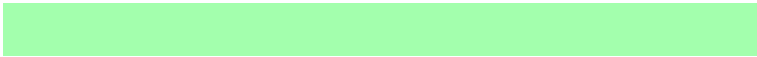


# Same Dimension

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



137, 196, 143



163, 255, 173



137, 196, 172



87, 97, 88



0, 161, 16



0, 33, 3



# Inverse Universe

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



196, 137, 190



255, 163, 246



196, 137, 161



97, 87, 96



161, 0, 144

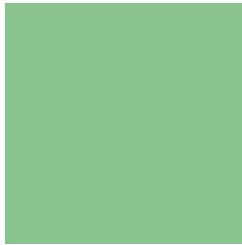


33, 0, 30



# Previews

## White Background



This preview shows how the RGB color 137, 196, 143 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 137, 196, 143 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 137, 196, 143 Background



This preview shows how black text looks on a background with the RGB color 137, 196, 143.

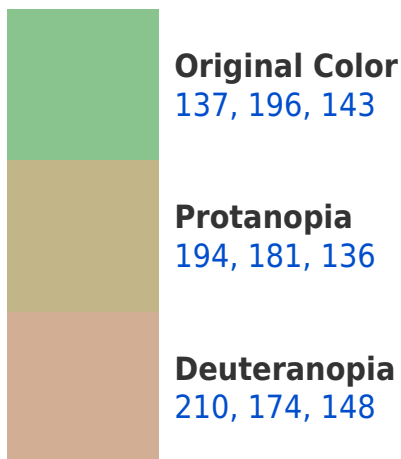


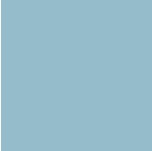
This preview shows how white text looks on a background with the RGB color 137, 196, 143.

# 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**  
148, 188, 203

# Trichromacy



**Original Color**  
137, 196, 143

**Protanomaly**  
173, 186, 139

**Deuteranomaly**  
183, 182, 146

**Tritanomaly**  
144, 191, 181

# Monochromacy



**Original Color**  
137, 196, 143

**Achromatopsia**  
172, 172, 172

**Achromatomaly**  
159, 181, 161

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 137, 196, 143 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(137, 196, 143)` looks like.

```
.text, #text, p{  
    color:rgb(137, 196, 143)  
}
```

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(137, 196, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 196, 143) }
```

## Border

The CSS property to change the border of an element to RGB 137, 196, 143 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(137, 196, 143) }
```

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

```
.border{ border-color:rgb(137, 196, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 196, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 196, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 196, 143);  
box-shadow:4px 4px 4px 4px rgb(137, 196,  
143) }
```

# Background

The CSS property to change the background color of an element to RGB 137, 196, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 196, 143) }
```

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

```
.background{ background-color: rgb(137,  
196, 143) }
```

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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