

Converting Colors

RGB(137, 179, 122)

Have a look what the booklet for
RGB(137, 179, 122) contains.

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Color

RGB(137, 179, 122)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 89B37A |
| RGB | 137, 179, 122 |
| RGB Percent | 54%, 70%, 48% |
| CMY | 0.4627, 0.2980, 0.5216 |
| CMYK | 0.23, 0.00, 0.32, 0.30 |
| HSL | 104°, 27%, 59% |
| HSV | 104°, 32%, 70% |
| XYZ | 29.9495, 38.9637, 24.3546 |
| YIQ | 159.9440, -6.7350, -26.6310 |

Conversions

Conversions Part 2

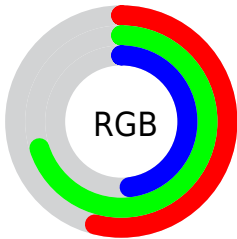
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 122, 179, 164 |
| Decimal | 9024378 |
| CIELab | 68.72, -24.95, 24.67 |
| CIElCh | 69, 35.091, 135.323 |
| Yxy | 38.9637, 0.3211, 0.4178 |
| Android (android.graphics.Color) | 4287214458 (0xFF89B37A) |
| YUV | 159.9440, -18.7064, -20.1219 |
| Hunter-Lab | 62.4209, -23.5925, 20.5616 |

Details

The RGB color **137, 179, 122** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **164, 122, 179**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **191, 235, 175**, and **86, 126, 73** is the 20% darker color. If you saturate the color by 10%, you get **124, 179, 104**, and if you desaturate by 10%, it is **150, 179, 140**.

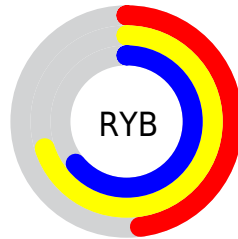
Distribution



Red (54%)

Green (70%)

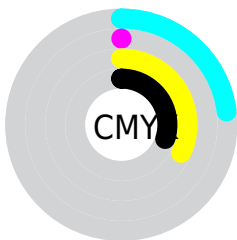
Blue (48%)



Red (48%)

Yellow (70%)

Blue (64%)

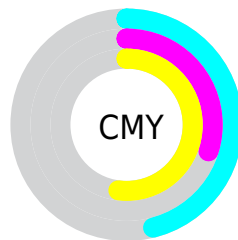


Cyan (23%)

Magenta (0%)

Yellow (32%)

Black (30%)



Cyan (46%)

Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 179, 122 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, 179, 122 by changing the saturation by 10% instead.

 137, 179, 122


255, 255, 255

 191, 235, 175


 219, 255, 202

 248, 255, 231

 137, 179, 122

 111, 152, 97

 86, 126, 73

 61, 101, 49


 37, 77, 27

 13, 54, 3


 0, 33, 0

 0, 0, 0

 137, 179, 122

 124, 179, 104

 137, 179, 122

 150, 179, 140

■ 111, 179, 86

■ 163, 179, 158

■ 97, 179, 68

■ 177, 179, 176

■ 84, 179, 50

■ 190, 179, 194

■ 71, 179, 33

■ 203, 179, 211

■ 58, 179, 15

■ 216, 179, 229

■ 47, 179, 0

■ 229, 179, 247

■ 243, 179, 255

■ 255, 179, 255

Harmonies

Analogous

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



173, 171, 106



137, 179, 122



98, 184, 151

Triad

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



137, 179, 122



97, 175, 228



230, 144, 152

Complementary

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



137, 179, 122



164, 122, 179

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.



220, 145, 185



137, 179, 122



149, 165, 229

Square

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



137, 179, 122



52, 182, 212



192, 154, 212



223, 150, 124

Rectangle

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



137, 179, 122



71, 185, 172



192, 154, 212



229, 143, 163

Sweetspot

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



137, 179, 122



215, 232, 209



179, 164, 122



107, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



137, 179, 122



167, 232, 144



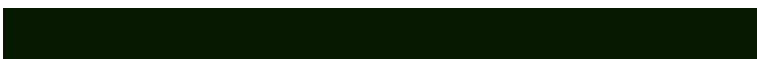
122, 179, 135



83, 89, 80



40, 153, 0



7, 26, 0

Inverse Universe

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



164, 122, 179



209, 144, 232



179, 122, 166



87, 80, 89



113, 0, 153



19, 0, 26

Previews

White Background



This preview shows how the RGB color 137, 179, 122 looks on a white background.

Color Contrast Check

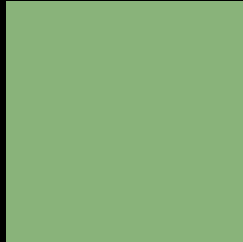
Large Text (above 18pt) WCAG AA × Fail

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, 179, 122 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, 179, 122 Background



This preview shows how black text looks on a background with the RGB color 137, 179, 122.



This preview shows how white text looks on a background with the RGB color 137, 179, 122.

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
137, 179, 122

Protanopia
180, 167, 117

Deuteranopia
197, 160, 126



Tritanopia
147, 171, 185

Trichromacy



Original Color
137, 179, 122

Protanomaly
164, 171, 119

Deuteranomaly
175, 167, 125

Tritanomaly
143, 174, 162

Monochromacy



Original Color
137, 179, 122

Achromatopsia
160, 160, 160

Achromatomaly
152, 167, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 179, 122 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, 179, 122)` looks like.

```
.text, #text, p{  
    color:rgb(137, 179, 122)  
}
```

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, 179, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 179, 122) }
```

Border

The CSS property to change the border of an element to RGB 137, 179, 122 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, 179, 122) }
```

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

```
.border{ border-color:rgb(137, 179, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 179, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 179, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 179, 122);  
box-shadow:4px 4px 4px 4px rgb(137, 179,  
122) }
```

Background

The CSS property to change the background color of an element to RGB 137, 179, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 179, 122) }
```

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

```
.background{ background-color: rgb(137,  
179, 122) }
```

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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