

Converting Colors

RGB(137, 142, 117)

Have a look what the booklet for
RGB(137, 142, 117) contains.

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Color

RGB(137, 142, 117)

Conversions

Conversions Part 1

Format	Color
Hex	898E75
RGB	137, 142, 117
RGB Percent	54%, 56%, 46%
CMY	0.4627, 0.4431, 0.5412
CMYK	0.04, 0.00, 0.18, 0.44
HSL	72°, 10%, 51%
HSV	72°, 18%, 56%
XYZ	23.2004, 25.9487, 20.6154
YIQ	137.6550, 5.0450, -8.8350

Conversions

Conversions Part 2

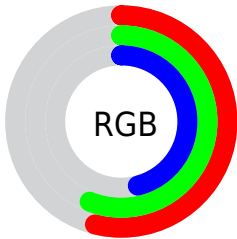
Format	Color
RYB	117, 142, 122
Decimal	9014901
CIELab	57.99, -6.44, 12.72
CIElCh	58, 14.257, 116.831
Yxy	25.9487, 0.3326, 0.3719
Android (android.graphics.Color)	4287204981 (0xFF898E75)
YUV	137.6550, -10.1829, -0.5744
Hunter-Lab	50.9399, -7.8475, 11.6632

Details

The RGB color **137, 142, 117** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **122, 117, 142**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **190, 196, 169**, and **87, 92, 69** is the 20% darker color. If you saturate the color by 10%, you get **134, 142, 103**, and if you desaturate by 10%, it is **140, 142, 131**.

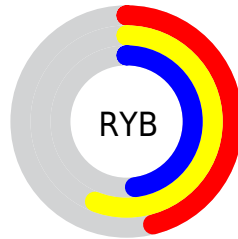
Distribution



Red (54%)

Green (56%)

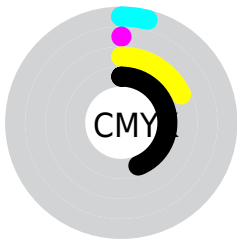
Blue (46%)



Red (46%)

Yellow (56%)

Blue (48%)

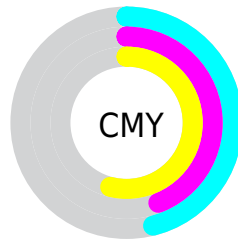


Cyan (4%)

Magenta (0%)

Yellow (18%)

Black (44%)



Cyan (46%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 142, 117 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, 142, 117 by changing the saturation by 10% instead.

■ 137, 142, 117

255, 255, 255

■ 190, 196, 169

■ 218, 224, 196

■ 247, 252, 224

255, 255, 253

■ 137, 142, 117

■ 134, 142, 103

■ 131, 142, 89

■ 137, 142, 117

■ 112, 116, 92

■ 87, 92, 69

■ 64, 68, 46

■ 41, 46, 25


■ 22, 25, 0

■ 0, 0, 0


■ 137, 142, 117

■ 140, 142, 131


■ 143, 142, 145


 128, 142, 74


 146, 142, 160

 126, 142, 60

 148, 142, 174

 123, 142, 46

 151, 142, 188


 120, 142, 32

 154, 142, 202

 117, 142, 18

 157, 142, 216

 114, 142, 3

 160, 142, 231

 114, 142, 0

 163, 142, 245

Harmonies

Analogous

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



151, 138, 115



137, 142, 117



123, 145, 125

Triad

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



137, 142, 117



111, 144, 160



163, 131, 141

Complementary

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



137, 142, 117



122, 117, 142

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.



154, 133, 153



137, 142, 117



124, 141, 164

Square

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



137, 142, 117



106, 146, 150



140, 137, 162



166, 131, 129

Rectangle

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



137, 142, 117



115, 146, 133



140, 137, 162



161, 131, 145

Sweetspot

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



137, 142, 117



182, 184, 174



142, 122, 117



91, 92, 86



219, 219, 219



92, 92, 92

Same Dimension

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



137, 142, 117



176, 184, 145



125, 142, 117



70, 71, 64



108, 135, 0



6, 8, 0

Inverse Universe

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



122, 117, 142



153, 145, 184



135, 117, 142



66, 64, 71



27, 0, 135



2, 0, 8

Previews

White Background



This preview shows how the RGB color 137, 142, 117 looks on a white background.

Color Contrast Check

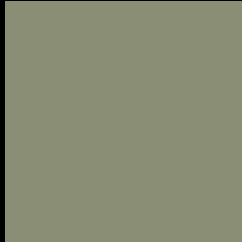
Large Text (above 18pt) WCAG AA ✓ Pass

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, 142, 117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

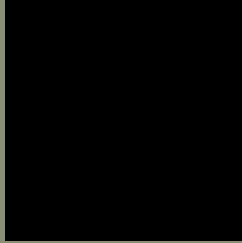
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

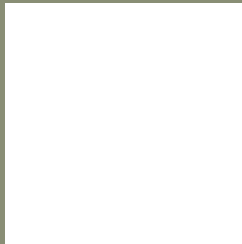
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 137, 142, 117 Background



This preview shows how black text looks on a background with the RGB color 137, 142, 117.



This preview shows how white text looks on a background with the RGB color 137, 142, 117.

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, 142, 117

Protanopia

147, 139, 115

Deuteranopia

160, 134, 119



Tritanopia

141, 138, 148

Trichromacy



Original Color
137, 142, 117

Protanomaly
143, 140, 116

Deuteranomaly
152, 137, 118

Tritanomaly
140, 139, 137

Monochromacy



Original Color
137, 142, 117

Achromatopsia
138, 138, 138

Achromatomaly
138, 139, 130

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 142, 117 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, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 117)  
}
```

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, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 117) }
```

Border

The CSS property to change the border of an element to RGB 137, 142, 117 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, 142, 117) }
```

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

```
.border{ border-color:rgb(137, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 137, 142, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 117) }
```

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

```
.background{ background-color: rgb(137,  
142, 117) }
```

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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