

Converting Colors

RGB(137, 149, 142)

Have a look what the booklet for
RGB(137, 149, 142) contains.

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Color

RGB(137, 149, 142)

Conversions

Conversions Part 1

Format	Color
Hex	89958E
RGB	137, 149, 142
RGB Percent	54%, 58%, 56%
CMY	0.4627, 0.4157, 0.4431
CMYK	0.08, 0.00, 0.05, 0.42
HSL	145°, 5%, 56%
HSV	145°, 8%, 58%
XYZ	25.9465, 28.7663, 29.7761
YIQ	144.6140, -4.9050, -4.7210

Conversions

Conversions Part 2

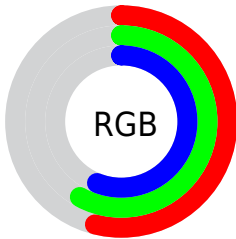
Format	Color
R_{YB}	137, 145, 149
Decimal	9016718
CIE Lab	60.57, -5.71, 2.21
CIE LCh	61, 6.124, 158.863
Yxy	28.7663, 0.3071, 0.3405
Android (android.graphics.Color)	4287206798 (0xFF89958E)
YUV	144.6140, -1.2887, -6.6775
Hunter-Lab	53.6342, -7.5074, 4.6279

Details

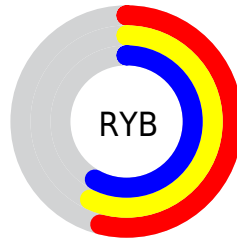
The RGB color `137, 149, 142` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `149, 137, 144`, and the grayscale version is `145, 145, 145`.

A 20% lighter version of the original color is `190, 203, 196`, and `87, 98, 92` is the 20% darker color. If you saturate the color by 10%, you get `122, 149, 133`, and if you desaturate by 10%, it is `152, 149, 151`.

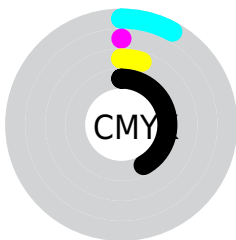
Distribution



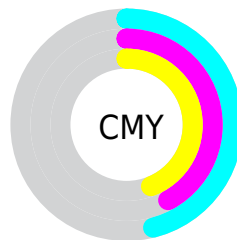
- Red (54%)
- Green (58%)
- Blue (56%)



- Red (54%)
- Yellow (57%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (46%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 149, 142 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, 149, 142 by changing the saturation by 10% instead.

 137, 149, 142


255, 255, 255

 190, 203, 196

 218, 231, 224

 247, 255, 252


 137, 149, 142

 112, 123, 116

 87, 98, 92


 64, 75, 68


 42, 52, 46


 21, 31, 26

 0, 4, 0


 0, 0, 0

 137, 149, 142


 122, 149, 133

 137, 149, 142


 152, 149, 151

 107, 149, 125


 167, 149, 159


 92, 149, 116

 182, 149, 168


 77, 149, 107

 197, 149, 177


 62, 149, 99


 211, 149, 185

 48, 149, 90


 226, 149, 194

 33, 149, 81

 241, 149, 203

 18, 149, 72

 255, 149, 212

 3, 149, 64

 255, 149, 220

Harmonies

Analogous

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



143, 148, 138



137, 149, 142



133, 149, 147

Triad

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



137, 149, 142



143, 146, 157



158, 143, 139

Complementary

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



137, 149, 142



149, 137, 144

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.



158, 142, 145



137, 149, 142



149, 144, 154

Square

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



137, 149, 142



137, 148, 156



155, 143, 150



154, 144, 136

Rectangle

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



137, 149, 142



133, 149, 151



155, 143, 150



158, 143, 141

Sweetspot

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



137, 149, 142



190, 194, 192



144, 149, 137



95, 97, 96



224, 224, 224



97, 97, 97

Same Dimension

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



137, 149, 142



174, 194, 182



137, 149, 148



67, 74, 70



0, 138, 57



0, 10, 4

Inverse Universe

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



149, 137, 144



194, 174, 186



149, 137, 138



74, 67, 71



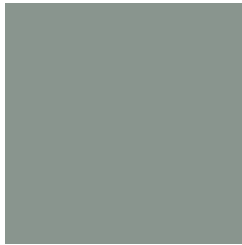
138, 0, 80



10, 0, 6

Previews

White Background



This preview shows how the RGB color 137, 149, 142 looks on a white background.

Color Contrast Check

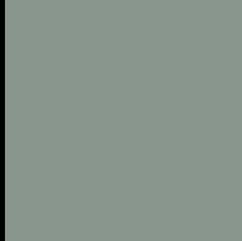
Large Text (above 18pt) WCAG AA ✓ Pass

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, 149, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

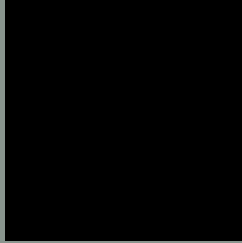
Any Text WCAG AA ✓ Pass

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, 149, 142 Background



This preview shows how black text looks on a background with the RGB color 137, 149, 142.



This preview shows how white text looks on a background with the RGB color 137, 149, 142.

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

140, 147, 158

Trichromacy



Original Color

137, 149, 142

Protanomaly

145, 146, 141

Deuteranomaly

152, 144, 143

Tritanomaly

139, 148, 152

Monochromacy



Original Color

137, 149, 142

Achromatopsia

145, 145, 145

Achromatomaly

142, 146, 144

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 149, 142 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, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(137, 149, 142)  
}
```

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, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 149, 142) }
```

Border

The CSS property to change the border of an element to RGB 137, 149, 142 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, 149, 142) }
```

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

```
.border{ border-color:rgb(137, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 149, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 149, 142);  
box-shadow:4px 4px 4px 4px rgb(137, 149,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 137, 149, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 149, 142) }
```

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

```
.background{ background-color: rgb(137,  
149, 142) }
```

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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