

# Converting Colors

RGB(142, 147, 142)

Have a look what the booklet for  
RGB(142, 147, 142) contains.

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# Color

**RGB(142, 147, 142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E938E
RGB	142, 147, 142
RGB Percent	56%, 58%, 56%
CMY	0.4431, 0.4235, 0.4431
CMYK	0.03, 0.00, 0.03, 0.42
HSL	120°, 2%, 57%
HSV	120°, 3%, 58%
XYZ	26.4715, 28.5712, 29.7108
YIQ	144.9350, -1.3750, -2.6150

# Conversions

## Conversions Part 2

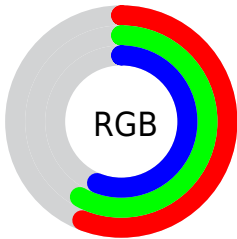
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 147, 147
Decimal	9343886
CIE <sub>Lab</sub>	60.40, -2.79, 2.00
CIE <sub>LCh</sub>	60, 3.436, 144.316
Yxy	28.5712, 0.3123, 0.3371
Android (android.graphics.Color)	4287533966 (0xFF8E938E)
YUV	144.9350, -1.4470, -2.5740
Hunter-Lab	53.4520, -5.1409, 4.4607

# Details

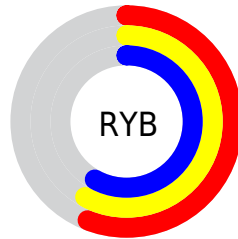
The RGB color `142, 147, 142` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `147, 142, 147`, and the grayscale version is `145, 145, 145`.

A 20% lighter version of the original color is `196, 201, 196`, and `92, 96, 92` is the 20% darker color. If you saturate the color by 10%, you get `127, 147, 127`, and if you desaturate by 10%, it is `157, 147, 157`.

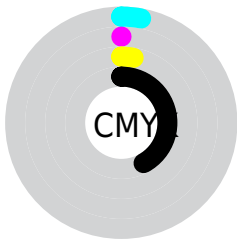
# Distribution



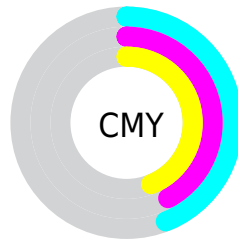
- Red (56%)
- Green (58%)
- Blue (56%)



- Red (56%)
- Yellow (58%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 142, 147, 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 142, 147, 142 by changing the saturation by 10% instead.




 142, 147, 142


255, 255, 255

 196, 201, 196

 224, 229, 224

 252, 255, 252

 142, 147, 142

 116, 121, 116

 92, 96, 92

 68, 73, 68

 46, 50, 46


 25, 29, 26


 0, 3, 0

 0, 0, 0


 142, 147, 142


 127, 147, 127

 142, 147, 142

 157, 147, 157


 113, 147, 113

 171, 147, 171

 98, 147, 98


 186, 147, 186


 83, 147, 83

 201, 147, 201

 69, 147, 69

 216, 147, 216

 54, 147, 54


 230, 147, 230

 39, 147, 39

 245, 147, 245

 24, 147, 24

 255, 147, 255

 10, 147, 10

# Harmonies

## Analogous

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



145, 146, 140



142, 147, 142



139, 147, 145

# Triad

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



142, 147, 142



142, 146, 152



152, 144, 143

# Complementary

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



142, 147, 142



147, 142, 147

# 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.



152, 144, 146



142, 147, 142



146, 145, 151

# Square

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



142, 147, 142



139, 147, 150



149, 144, 149



151, 144, 141

# Rectangle

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



142, 147, 142



139, 147, 147



149, 144, 149



152, 144, 144



# Sweetspot

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



142, 147, 142



189, 191, 189



147, 147, 142



96, 97, 96



224, 224, 224



97, 97, 97



# Same Dimension

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



142, 147, 142



184, 191, 184



142, 147, 145



70, 74, 70



0, 138, 0



0, 10, 0



# Inverse Universe

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



147, 142, 147



191, 184, 191



147, 142, 145



74, 70, 74



138, 0, 138



10, 0, 10



# Previews

## White Background



This preview shows how the RGB color 142, 147, 142 looks on a white background.

## Color Contrast Check

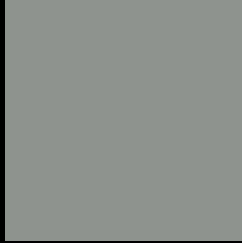
Large Text (above 18pt) WCAG AA ✓ Pass

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 142, 147, 142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

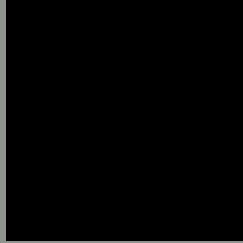
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

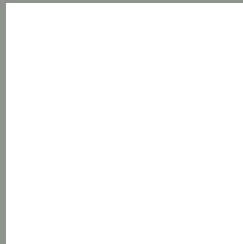
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 142, 147, 142 Background



This preview shows how black text looks on a background with the RGB color 142, 147, 142.



This preview shows how white text looks on a background with the RGB color 142, 147, 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



### Original Color


[142](#), [147](#), [142](#)

### Protanopia

[149](#), [145](#), [141](#)

### Deuteranopia

[160](#), [141](#), [143](#)



# Tritanopia

144, 145, 156

# Trichromacy



## Original Color

142, 147, 142

## Protanomaly

146, 146, 141

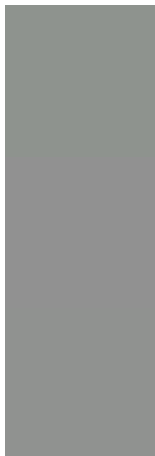
## Deuteranomaly

153, 143, 143

## Tritanomaly

143, 146, 151

# Monochromacy



## Original Color

142, 147, 142

## Achromatopsia

145, 145, 145

## Achromatomaly

144, 146, 144

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 142, 147, 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(142, 147, 142) looks like.

```
.text, #text, p{  
    color:rgb(142, 147, 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(142, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 147, 142) }
```

## Border

The CSS property to change the border of an element to RGB 142, 147, 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(142, 147, 142) }
```

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

```
.border{ border-color:rgb(142, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(142, 147,  
142) }
```

# Background

The CSS property to change the background color of an element to RGB 142, 147, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 147, 142) }
```

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

```
.background{ background-color: rgb(142,  
147, 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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