

Converting Colors

RGB(147, 189, 141)

Have a look what the booklet for
RGB(147, 189, 141) contains.

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Color

RGB(147, 189, 141)

Conversions

Conversions Part 1

Format	Color
Hex	93BD8D
RGB	147, 189, 141
RGB Percent	58%, 74%, 55%
CMY	0.4235, 0.2588, 0.4471
CMYK	0.22, 0.00, 0.25, 0.26
HSL	113°, 27%, 65%
HSV	113°, 25%, 74%
XYZ	35.0379, 44.5213, 31.9461
YIQ	170.9700, -9.6240, -23.8320

Conversions

Conversions Part 2

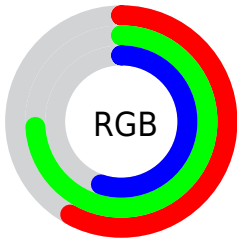
Format	Color
RYB	141, 189, 183
Decimal	9682317
CIELab	72.58, -23.28, 19.82
CIELCh	73, 30.574, 139.590
Yxy	44.5213, 0.3142, 0.3993
Android (android.graphics.Color)	4287872397 (0xFF93BD8D)
YUV	170.9700, -14.7752, -21.0217
Hunter-Lab	66.7243, -23.0345, 18.3203

Details

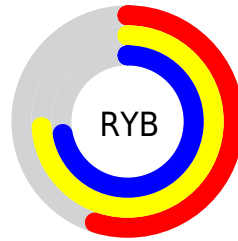
The RGB color **147, 189, 141** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 141, 189**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **202, 245, 195**, and **95, 135, 91** is the 20% darker color. If you saturate the color by 10%, you get **130, 189, 122**, and if you desaturate by 10%, it is **164, 189, 160**.

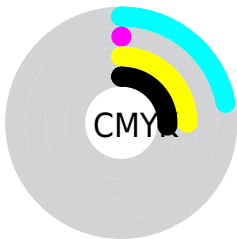
Distribution



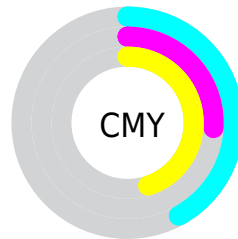
- Red (58%)
- Green (74%)
- Blue (55%)



- Red (55%)
- Yellow (74%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (42%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 189, 141 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 147, 189, 141 by changing the saturation by 10% instead.

 147, 189, 141


255, 255, 255

 202, 245, 195


 230, 255, 223

 255, 255, 251

 147, 189, 141


 121, 162, 115

 95, 135, 91

 71, 110, 67


 47, 85, 44


 23, 62, 23


 3, 40, 0

 0, 16, 0


 0, 0, 0


 147, 189, 141


 147, 189, 141

 130, 189, 122


 164, 189, 160

 114, 189, 103

 180, 189, 179


 97, 189, 84

 197, 189, 198

 81, 189, 65


 213, 189, 217

 64, 189, 47

 230, 189, 236

 48, 189, 28

 246, 189, 254

 31, 189, 9

 255, 189, 255

 24, 189, 0

Harmonies

Analogous

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



179, 182, 125



147, 189, 141



115, 193, 167

Triad

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



147, 189, 141



127, 184, 232



234, 158, 161

Complementary

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



147, 189, 141



183, 141, 189

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.



227, 158, 189



147, 189, 141



169, 174, 230

Square

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



147, 189, 141



95, 190, 220



204, 165, 215



227, 164, 137

Rectangle

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



147, 189, 141



97, 194, 186



204, 165, 215



234, 157, 170

Sweetspot

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



147, 189, 141



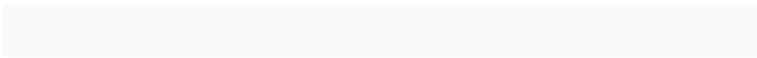
228, 245, 225



189, 183, 141



112, 122, 110



250, 250, 250



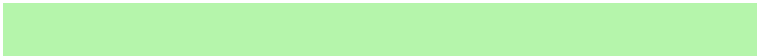
122, 122, 122

Same Dimension

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



147, 189, 141



181, 245, 171



141, 189, 159



86, 94, 85



20, 158, 0



4, 31, 0

Inverse Universe

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



183, 141, 189



236, 171, 245



189, 141, 171



93, 85, 94



138, 0, 158



27, 0, 31

Previews

White Background



This preview shows how the RGB color 147, 189, 141 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 147, 189, 141 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 147, 189, 141 Background



This preview shows how black text looks on a background with the RGB color 147, 189, 141.



This preview shows how white text looks on a background with the RGB color 147, 189, 141.

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](#).

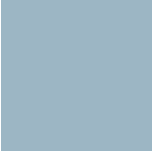
Dichromacy



Original Color
147, 189, 141

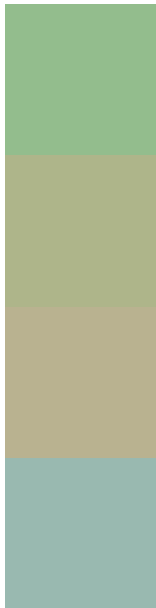
Protanopia
190, 177, 136

Deuteranopia
206, 171, 145



Tritanopia
156, 182, 196

Trichromacy



Original Color
147, 189, 141

Protanomaly
174, 181, 138

Deuteranomaly
185, 178, 144

Tritanomaly
153, 185, 176

Monochromacy



Original Color
147, 189, 141

Achromatopsia
171, 171, 171

Achromatomaly
162, 178, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 189, 141 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(147, 189, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 189, 141)  
}
```

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(147, 189, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 189, 141) }
```

Border

The CSS property to change the border of an element to RGB 147, 189, 141 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(147, 189, 141) }
```

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

```
.border{ border-color:rgb(147, 189, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 189, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 189, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 189, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 189,  
141) }
```

Background

The CSS property to change the background color of an element to RGB 147, 189, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 189, 141) }
```

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

```
.background{ background-color: rgb(147,  
189, 141) }
```

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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