

Converting Colors

RGB(147, 192, 130)

Have a look what the booklet for
RGB(147, 192, 130) contains.

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Color

RGB(147, 192, 130)

Conversions

Conversions Part 1

Format	Color
Hex	93C082
RGB	147, 192, 130
RGB Percent	58%, 75%, 51%
CMY	0.4235, 0.2471, 0.4902
CMYK	0.23, 0.00, 0.32, 0.25
HSL	104°, 33%, 63%
HSV	104°, 32%, 75%
XYZ	34.9115, 45.5140, 28.0641
YIQ	171.4770, -6.9180, -28.8220

Conversions

Conversions Part 2

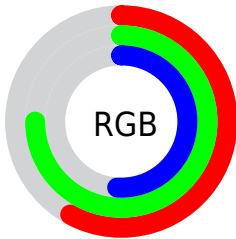
Format	Color
RYB	130, 192, 175
Decimal	9683074
CIELab	73.23, -26.53, 26.56
CIELCh	73, 37.541, 134.962
Yxy	45.5140, 0.3218, 0.4195
Android (android.graphics.Color)	4287873154 (0xFF93C082)
YUV	171.4770, -20.4482, -21.4663
Hunter-Lab	67.4641, -25.6914, 22.5610

Details

The RGB color **147, 192, 130** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175, 130, 192**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **202, 249, 183**, and **95, 138, 80** is the 20% darker color. If you saturate the color by 10%, you get **133, 192, 111**, and if you desaturate by 10%, it is **161, 192, 149**.

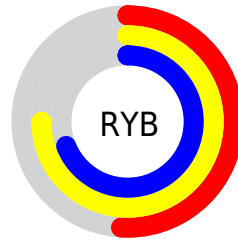
Distribution



Red (58%)

Green (75%)

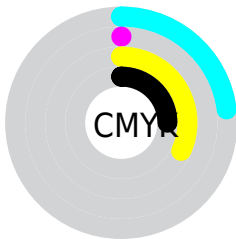
Blue (51%)



Red (51%)

Yellow (75%)

Blue (69%)

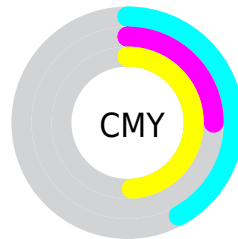


Cyan (23%)

Magenta (0%)

Yellow (32%)

Black (25%)



Cyan (42%)


Magenta (25%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 147, 192, 130 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, 192, 130 by changing the saturation by 10% instead.

 147, 192, 130


255, 255, 255

 202, 249, 183


 230, 255, 211

 255, 255, 240

 147, 192, 130

 121, 165, 105

 95, 138, 80

 70, 113, 56


 45, 88, 34


 20, 64, 11

 0, 42, 0


 0, 19, 0

 0, 0, 0

 147, 192, 130


 147, 192, 130

 133, 192, 111


 161, 192, 149


 119, 192, 92

 175, 192, 168

 105, 192, 72

 189, 192, 188


 91, 192, 53


 203, 192, 207

 77, 192, 34

 217, 192, 226

 63, 192, 15

 231, 192, 245

 53, 192, 0

 245, 192, 255

 255, 192, 255

Harmonies

Analogous

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



186, 183, 112



147, 192, 130



104, 197, 161

Triad

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



147, 192, 130



102, 188, 246



247, 154, 164

Complementary

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



147, 192, 130



175, 130, 192

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.



236, 155, 199



147, 192, 130



159, 177, 246

Square

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



147, 192, 130



51, 195, 227



206, 165, 229



240, 160, 133

Rectangle

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



147, 192, 130



74, 198, 185



206, 165, 229



246, 153, 175

Sweetspot

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



147, 192, 130



232, 250, 225



192, 174, 130



114, 125, 110



252, 252, 252



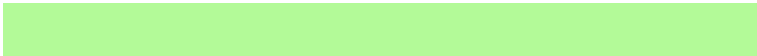
125, 125, 125

Same Dimension

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



147, 192, 130



179, 250, 152



130, 192, 143



90, 97, 87



44, 161, 0



9, 33, 0

Inverse Universe

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



175, 130, 192



223, 152, 250



192, 130, 179



94, 87, 97



117, 0, 161



24, 0, 33

Previews

White Background



This preview shows how the RGB color 147, 192, 130 looks on a white background.

Color Contrast Check

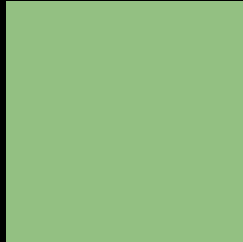
Large Text (above 18pt) WCAG AA × Fail

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, 192, 130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

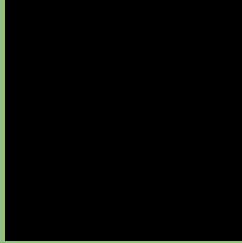
Any Text WCAG AA ✓ Pass

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, 192, 130 Background



This preview shows how black text looks on a background with the RGB color 147, 192, 130.

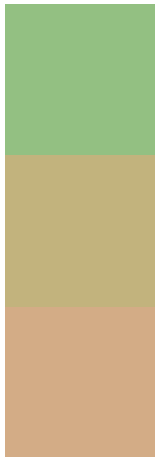


This preview shows how white text looks on a background with the RGB color 147, 192, 130.

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](#).

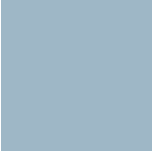
Dichromacy



Original Color
147, 192, 130

Protanopia
194, 179, 125

Deuteranopia
211, 172, 134



Tritanopia
158, 183, 198

Trichromacy



Original Color
147, 192, 130

Protanomaly
177, 184, 127

Deuteranomaly
188, 179, 133

Tritanomaly
154, 186, 173

Monochromacy



Original Color
147, 192, 130

Achromatopsia
171, 171, 171

Achromatomaly
162, 179, 156

CSS Examples

Text

The CSS property to change the color of the text to RGB 147, 192, 130 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, 192, 130)` looks like.

```
.text, #text, p{  
    color:rgb(147, 192, 130)  
}
```

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, 192, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 192, 130) }
```

Border

The CSS property to change the border of an element to RGB 147, 192, 130 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, 192, 130) }
```

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

```
.border{ border-color:rgb(147, 192, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 192, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 192, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 192, 130); box-shadow:4px 4px 4px 4px rgb(147, 192, 130) }
```

Background

The CSS property to change the background color of an element to RGB 147, 192, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 192, 130) }
```

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

```
.background{ background-color: rgb(147,  
192, 130) }
```

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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