

Converting Colors

RGB(150, 197, 140)

Have a look what the booklet for
RGB(150, 197, 140) contains.

RGB(150, 197, 140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(150, 197, 140)

Conversions

Conversions Part 1

Format	Color
Hex	96C58C
RGB	150, 197, 140
RGB Percent	59%, 77%, 55%
CMY	0.4118, 0.2275, 0.4510
CMYK	0.24, 0.00, 0.29, 0.23
HSL	109°, 33%, 66%
HSV	109°, 29%, 77%
XYZ	37.2776, 48.3100, 32.1710
YIQ	176.4490, -9.7150, -27.6910

Conversions

Conversions Part 2

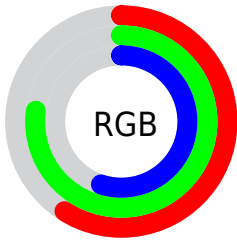
Format	Color
RYB	140, 197, 187
Decimal	9880972
CIELab	75.02, -26.33, 23.72
CIELCh	75, 35.444, 137.987
Yxy	48.3100, 0.3166, 0.4102
Android (android.graphics.Color)	4288071052 (0xFF96C58C)
YUV	176.4490, -17.9694, -23.1958
Hunter-Lab	69.5054, -25.9002, 21.2111

Details

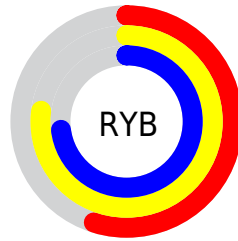
The RGB color **150, 197, 140** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 140, 197**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **205, 254, 194**, and **98, 143, 89** is the 20% darker color. If you saturate the color by 10%, you get **134, 197, 120**, and if you desaturate by 10%, it is **166, 197, 160**.

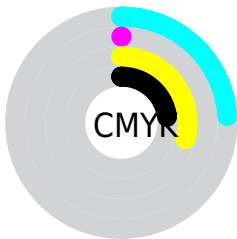
Distribution



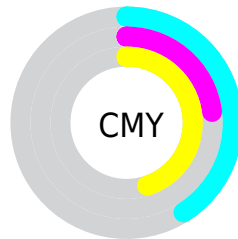
- Red (59%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)




- Cyan (41%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 150, 197, 140 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 150, 197, 140 by changing the saturation by 10% instead.


 150, 197, 140


255, 255, 255

 205, 254, 194


 234, 255, 222


 255, 255, 251

 150, 197, 140


 124, 170, 114

 98, 143, 89

 73, 117, 66


 48, 92, 43


 24, 68, 21


 1, 46, 0

 0, 26, 0


 0, 0, 0


 150, 197, 140


 150, 197, 140

 134, 197, 120

 166, 197, 160

 118, 197, 101

 182, 197, 179


 101, 197, 81

 199, 197, 199

 85, 197, 61


 215, 197, 219

 69, 197, 42


 231, 197, 239

 53, 197, 22

 247, 197, 255

 36, 197, 2

 255, 197, 255

 35, 197, 0

Harmonies

Analogous

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



187, 189, 122



150, 197, 140



111, 202, 170

Triad

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



150, 197, 140



119, 192, 248



250, 161, 166

Complementary

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



150, 197, 140



187, 140, 197

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.



240, 161, 199



150, 197, 140



170, 181, 247

Square

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



150, 197, 140



77, 199, 232



213, 169, 229



241, 167, 138

Rectangle

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



150, 197, 140



86, 203, 193



213, 169, 229



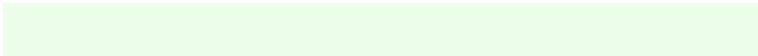
249, 160, 177

Sweetspot

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



150, 197, 140



236, 255, 232



197, 187, 140



116, 128, 113



0, 0, 0



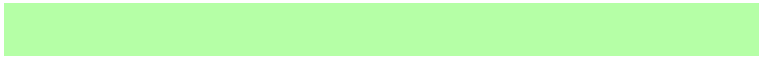
128, 128, 128

Same Dimension

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



150, 197, 140



181, 255, 166



140, 197, 158



91, 99, 90



29, 163, 0



6, 36, 0

Inverse Universe

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



187, 140, 197



239, 166, 255



197, 140, 179



98, 90, 99



135, 0, 163



29, 0, 36

Previews

White Background



This preview shows how the RGB color 150, 197, 140 looks on a white background.

Color Contrast Check

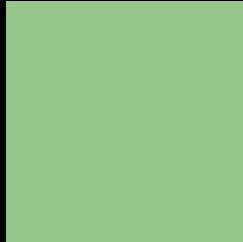
Large Text (above 18pt) WCAG AA × Fail

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 150, 197, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

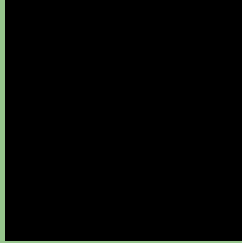
Any Text WCAG AA ✓ Pass

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 150, 197, 140 Background



This preview shows how black text looks on a background with the RGB color 150, 197, 140.

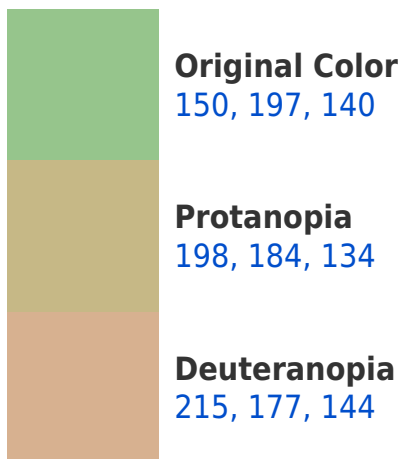


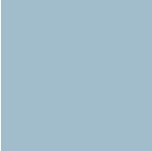
This preview shows how white text looks on a background with the RGB color 150, 197, 140.

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
161, 189, 204

Trichromacy



Original Color
150, 197, 140

Protanomaly
181, 189, 136

Deuteranomaly
191, 184, 143

Tritanomaly
157, 192, 181

Monochromacy



Original Color
150, 197, 140

Achromatopsia
176, 176, 176

Achromatomaly
167, 184, 163

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 197, 140 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(150, 197, 140)` looks like.

```
.text, #text, p{  
    color:rgb(150, 197, 140)  
}
```

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(150, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 197, 140) }
```

Border

The CSS property to change the border of an element to RGB 150, 197, 140 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(150, 197, 140) }
```

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

```
.border{ border-color:rgb(150, 197, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 197, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(150, 197,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 150, 197, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 197, 140) }
```

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

```
.background{ background-color: rgb(150,  
197, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor