

Converting Colors

RGB(193, 209, 140)

Have a look what the booklet for
RGB(193, 209, 140) contains.

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Color

RGB(193, 209, 140)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1D18C |
| RGB | 193, 209, 140 |
| RGB Percent | 76%, 82%, 55% |
| CMY | 0.2431, 0.1804, 0.4510 |
| CMYK | 0.08, 0.00, 0.33, 0.18 |
| HSL | 74°, 43%, 68% |
| HSV | 74°, 33%, 82% |
| XYZ | 49.5264, 58.8318, 33.5563 |
| YIQ | 196.3500, 12.6130, -24.8510 |

Conversions

Conversions Part 2

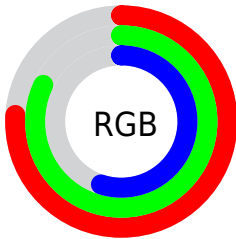
| Format | Color |
|-------------------------------------|---|
| RYB | 140, 209, 156 |
| Decimal | 12702092 |
| CIELab | 81.20, -16.61, 32.49 |
| CIElCh | 81, 36.492, 117.081 |
| Yxy | 58.8318, 0.3490, 0.4146 |
| Android (android.graphics.Color) | 4290892172 (0xFFC1D18C) |
| YUV | 196.3500, -27.7805, -2.9379 |
| Hunter-Lab | 76.7019, -18.9709, 27.7526 |

Details

The RGB color **193, 209, 140** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **156, 140, 209**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **250, 255, 194**, and **139, 155, 89** is the 20% darker color. If you saturate the color by 10%, you get **188, 209, 119**, and if you desaturate by 10%, it is **198, 209, 161**.

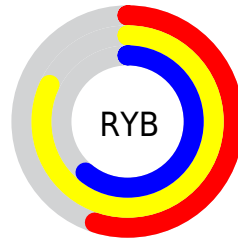
Distribution



Red (76%)

Green (82%)

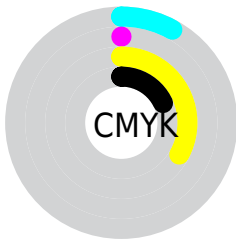
Blue (55%)



Red (55%)

Yellow (82%)

Blue (61%)

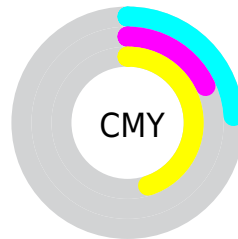


Cyan (8%)

Magenta (0%)

Yellow (33%)

Black (18%)



Cyan (24%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 209, 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 193, 209, 140 by changing the saturation by 10% instead.

 193, 209, 140


255, 255, 255

 250, 255, 194

 255, 255, 222

 255, 255, 251


 193, 209, 140

 165, 181, 114


 139, 155, 89

 112, 129, 65

 87, 103, 41

 63, 79, 18

 40, 56, 0

 16, 35, 0

 0, 8, 0

 0, 0, 0

193, 209, 140

193, 209, 140

188, 209, 119

198, 209, 161

183, 209, 98

203, 209, 182

178, 209, 77

208, 209, 203

174, 209, 56

212, 209, 224

169, 209, 35

217, 209, 244

164, 209, 15

222, 209, 255

161, 209, 0

227, 209, 255

232, 209, 255

237, 209, 255

Harmonies

Analogous

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



228, 198, 133



193, 209, 140



153, 217, 164

Triad

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



193, 209, 140



102, 215, 255



255, 176, 206

Complementary

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



193, 209, 140



156, 140, 209

Split Complementary

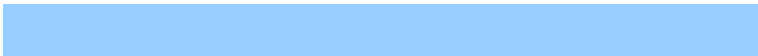
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242, 183, 239



193, 209, 140



151, 206, 255

Square

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



193, 209, 140



86, 220, 232



202, 194, 255



255, 178, 172

Rectangle

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



193, 209, 140



126, 219, 185



202, 194, 255



255, 177, 218

Sweetspot

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



193, 209, 140



249, 255, 230



209, 155, 140



124, 128, 112



0, 0, 0



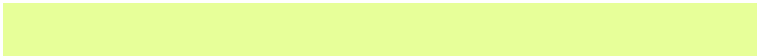
128, 128, 128

Same Dimension

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



193, 209, 140



231, 255, 153



160, 209, 140



102, 105, 94



129, 168, 0



31, 41, 0

Inverse Universe

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



156, 140, 209



177, 153, 255



189, 140, 209



97, 94, 105



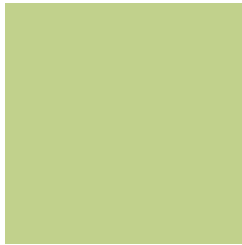
39, 0, 168



9, 0, 41

Previews

White Background



This preview shows how the RGB color 193, 209, 140 looks on a white background.

Color Contrast Check

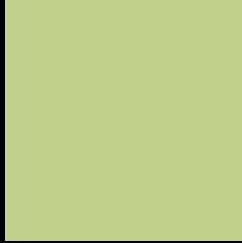
Large Text (above 18pt) WCAG AA × Fail

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 193, 209, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

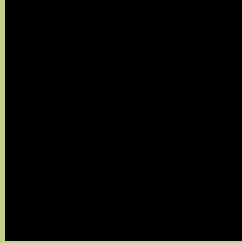
Any Text WCAG AA ✓ Pass

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 193, 209, 140 Background



This preview shows how black text looks on a background with the RGB color 193, 209, 140.

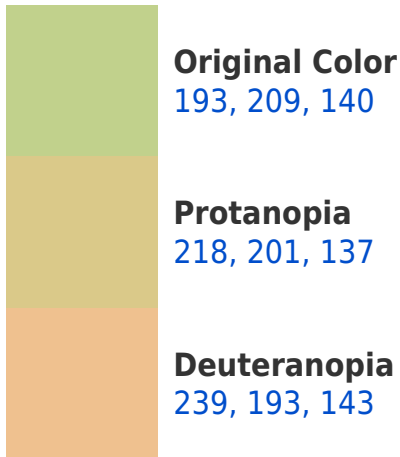


This preview shows how white text looks on a background with the RGB color 193, 209, 140.

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](#).

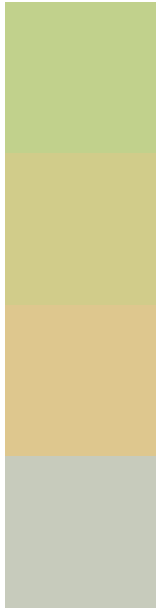
Dichromacy





Tritanopia
203, 200, 215

Trichromacy



Original Color
193, 209, 140

Protanomaly
209, 204, 138

Deuteranomaly
222, 199, 142

Tritanomaly
199, 203, 188

Monochromacy



Original Color
193, 209, 140

Achromatopsia
196, 196, 196

Achromatomaly
195, 201, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 209, 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(193, 209, 140)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 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(193, 209, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 140) }
```

Border

The CSS property to change the border of an element to RGB 193, 209, 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(193, 209, 140) }
```

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

```
.border{ border-color:rgb(193, 209, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 209, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 209, 140); box-shadow:4px 4px 4px 4px rgb(193, 209, 140) }
```

Background

The CSS property to change the background color of an element to RGB 193, 209, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 140) }
```

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

```
.background{ background-color: rgb(193,  
209, 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](#).

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