Converting Colors

RGB(194, 196, 147)

Have a look what the booklet for RGB(194, 196, 147) contains.

RGB(194, 196, 147) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(194, 196, 147)

Conversions

Conversions Part 1

Format	Color
Hex	C2C493
RGB	194, 196, 147
RGB Percent	76%, 77%, 58%
CMY	0.2392, 0.2314, 0.4235
CMYK	0.01, 0.00, 0.25, 0.23
HSL	62°, 29%, 67%
HSV	62°, 25%, 77%
XYZ	47.2545, 53.0558, 35.3540
YIQ	189.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

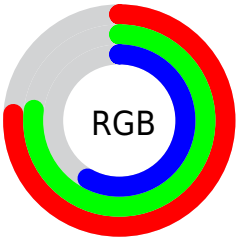
Format	Color
RYB	147, 196, 149
Decimal	12764307
CIELab	77.91, -8.68, 24.45
CIELCh	78, 25.940, 109.539
Yxy	53.0558, 0.3483, 0.3911
Android (android.graphics.Color)	4290954387 (0xFFC2C493)
YUV	189.8160, -21.1083, 3.6694
Hunter-Lab	72.8394, -11.6672, 22.2101

Details

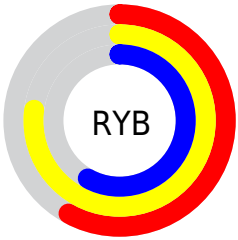
The RGB color 194, 196, 147 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 149, 147, 196, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 251, 253, 201, and 140, 142, 96 is the 20% darker color. If you saturate the color by 10%, you get 193, 196, 127, and if you desaturate by 10%, it is 195, 196, 167.

Distribution

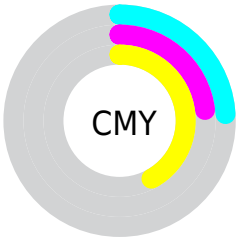


- Red (76%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (58%)

- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 194, 196, 147 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 194, 196, 147 by changing the saturation by 10% instead.

194, 196, 147

255, 255, 255

251, 253, 201

255, 255, 229

194, 196, 147

167, 169, 121

140, 142, 96

114, 117, 72

89, 92, 49

65, 69, 27

42, 47, 2

19, 26, 0

0, 0, 0

194, 196, 147

194, 196, 147

193, 196, 127

192, 196, 108

192, 196, 88

191, 196, 69

190, 196, 49

189, 196, 29

188, 196, 10

188, 196, 0

195, 196, 167

196, 196, 186

196, 196, 206

197, 196, 225

198, 196, 245

199, 196, 255

200, 196, 255

200, 196, 255

201, 196, 255

Harmonies

Analogous

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

218, 188, 146

194, 196, 147

166, 202, 161

Triad

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

194, 196, 147

128, 203, 228

235, 176, 202

Complementary

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

194, 196, 147

149, 147, 196

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.

215, 181, 224

194, 196, 147

152, 197, 239

Square

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

194, 196, 147

124, 206, 208

185, 189, 238

242, 176, 178

Rectangle

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

194, 196, 147

149, 205, 175

185, 189, 238

230, 177, 210

Sweetspot

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

194, 196, 147

254, 255, 235

196, 149, 147

127, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

194, 196, 147

252, 255, 179

170, 196, 147

97, 97, 87

154, 161, 0

32, 33, 0

Inverse Universe

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

149, 147, 196

182, 179, 255

173, 147, 196

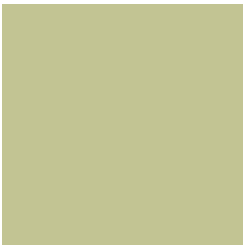
88, 87, 97

7, 0, 161

1, 0, 33

Previews

White Background

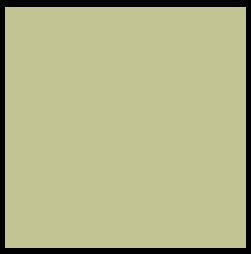


This preview shows how the RGB color 194, 196, 147 looks on a white background.

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



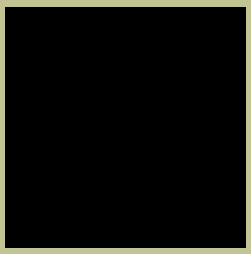
This preview shows how the RGB color 194, 196, 147 looks on a black background.

Color Contrast Check

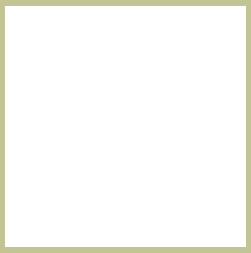
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 194, 196, 147 Background



This preview shows how black text looks on a background with the RGB color 194, 196, 147.

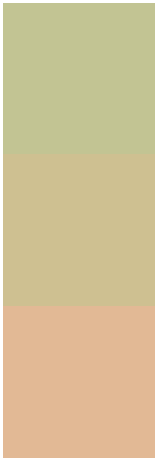


This preview shows how white text looks on a background with the RGB color 194, 196, 147.

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



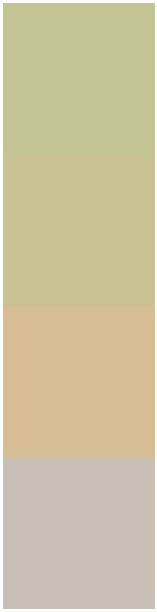
Original Color
194, 196, 147

Protanopia
206, 192, 145

Deuteranopia
226, 185, 149

Tritanopia
201, 189, 203

Trichromacy



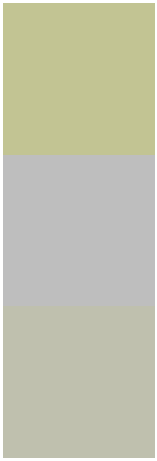
Original Color
194, 196, 147

Protanomaly
202, 193, 146

Deuteranomaly
214, 189, 148

Tritanomaly
198, 192, 183

Monochromacy



Original Color
194, 196, 147

Achromatopsia
190, 190, 190

Achromatomaly
191, 192, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 194, 196, 147 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(194, 196, 147) looks like.

```
.text, #text, p{
    color:rgb(194, 196, 147)
}
```

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(194, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 147) }
```

Border

The CSS property to change the border of an element to RGB 194, 196, 147 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(194, 196, 147) }
```

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

```
.border{ border-color:rgb(194, 196, 147) }
```

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

Here you see how a box with a 4 pixel rgb(194, 196, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 196, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 196, 147); box-shadow:4px 4px 4px 4px rgb(194, 196, 147) }
```

Background

The CSS property to change the background color of an element to RGB 194, 196, 147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(194, 196, 147) }
```

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

```
.background{ background-color:rgb(194,
196, 147) }
```

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