

Converting Colors

RGB(193, 193, 142)

Have a look what the booklet for
RGB(193, 193, 142) contains.

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Color

RGB(193, 193, 142)

Conversions

Conversions Part 1

Format	Color
Hex	C1C18E
RGB	193, 193, 142
RGB Percent	76%, 76%, 56%
CMY	0.2431, 0.2431, 0.4431
CMYK	0.00, 0.00, 0.26, 0.24
HSL	60°, 29%, 66%
HSV	60°, 26%, 76%
XYZ	45.9448, 51.4304, 33.0967
YIQ	187.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

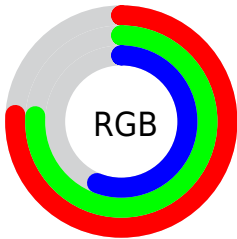
Format	Color
R_{YB}	142, 193, 142
Decimal	12697998
CIE _{Lab}	76.94, -8.19, 25.77
CIE _{LCh}	77, 27.037, 107.639
Yxy	51.4304, 0.3521, 0.3942
Android (android.graphics.Color)	4290888078 (0xFFC1C18E)
YUV	187.1860, -22.2767, 5.0989
Hunter-Lab	71.7150, -11.1438, 22.8380

Details

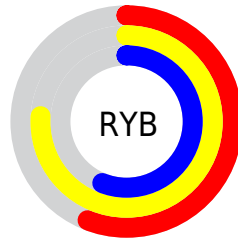
The RGB color **193, 193, 142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142, 142, 193**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **250, 249, 196**, and **139, 140, 91** is the 20% darker color. If you saturate the color by 10%, you get **193, 193, 123**, and if you desaturate by 10%, it is **193, 193, 161**.

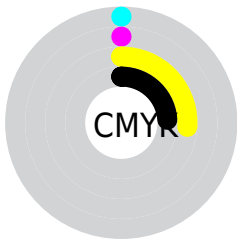
Distribution



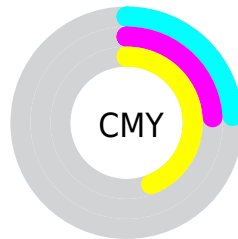
- Red (76%)
- Green (76%)
- Blue (56%)



- Red (56%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (24%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 193, 142 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, 193, 142 by changing the saturation by 10% instead.

 193, 193, 142

255, 255, 255

 250, 249, 196


 255, 255, 224

255, 255, 253

 193, 193, 142


 166, 166, 116

 139, 140, 91


 113, 114, 67

 88, 90, 44

 64, 66, 22

 41, 44, 0

 16, 24, 0

 0, 0, 0

 193, 193, 142

 193, 193, 142

■ 193, 193, 123

■ 193, 193, 161

■ 193, 193, 103

■ 193, 193, 181

■ 193, 193, 84

■ 193, 193, 200

■ 193, 193, 65

■ 193, 193, 219

■ 193, 193, 46

■ 193, 193, 238

■ 193, 193, 26

■ 193, 193, 255

■ 193, 193, 7

■ 193, 193, 0

Harmonies

Analogous

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



218, 185, 141



193, 193, 142



164, 200, 156

Triad

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



193, 193, 142



121, 201, 226



233, 173, 201

Complementary

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



193, 193, 142



142, 142, 193

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.



212, 179, 224



193, 193, 142



145, 195, 238

Square

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



193, 193, 142



119, 204, 204



180, 187, 237



241, 172, 176

Rectangle

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



193, 193, 142



146, 202, 170



180, 187, 237



228, 174, 210

Sweetspot

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



193, 193, 142



250, 250, 230



193, 142, 142



125, 125, 112



252, 252, 252



125, 125, 125

Same Dimension

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



193, 193, 142



250, 250, 170



168, 193, 142



97, 97, 87



161, 161, 0



33, 33, 0

Inverse Universe

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



142, 142, 193



170, 170, 250



168, 142, 193



87, 87, 97



0, 0, 161



0, 0, 33

Previews

White Background



This preview shows how the RGB color 193, 193, 142 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, 193, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

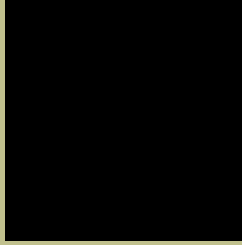
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

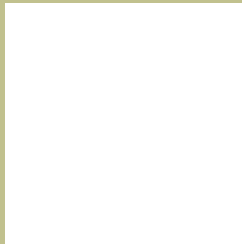
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 193, 193, 142 Background



This preview shows how black text looks on a background with the RGB color 193, 193, 142.



This preview shows how white text looks on a background with the RGB color 193, 193, 142.

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
193, 193, 142

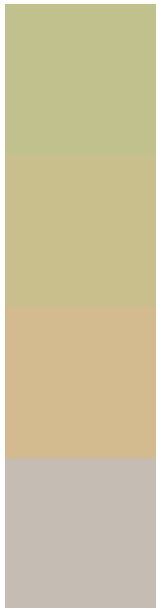
Protanopia
204, 190, 141

Deuteranopia
223, 182, 144



Tritanopia
200, 185, 200

Trichromacy



Original Color
193, 193, 142

Protanomaly
200, 191, 141

Deuteranomaly
212, 186, 143

Tritanomaly
197, 188, 179

Monochromacy



Original Color
193, 193, 142

Achromatopsia
187, 187, 187

Achromatomaly
189, 189, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 193, 142 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, 193, 142)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 142)  
}
```

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, 193, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 142) }
```

Border

The CSS property to change the border of an element to RGB 193, 193, 142 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, 193, 142) }
```

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

```
.border{ border-color:rgb(193, 193, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 142);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
142) }
```

Background

The CSS property to change the background color of an element to RGB 193, 193, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 142) }
```

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

```
.background{ background-color: rgb(193,  
193, 142) }
```

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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