

Converting Colors

RGB(202, 213, 170)

Have a look what the booklet for
RGB(202, 213, 170) contains.

RGB(202, 213, 170)	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(202, 213, 170)

Conversions

Conversions Part 1

Format	Color
Hex	CAD5AA
RGB	202, 213, 170
RGB Percent	79%, 84%, 67%
CMY	0.2078, 0.1647, 0.3333
CMYK	0.05, 0.00, 0.20, 0.16
HSL	75°, 34%, 75%
HSV	75°, 20%, 84%
XYZ	55.4071, 63.0473, 47.2793
YIQ	204.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

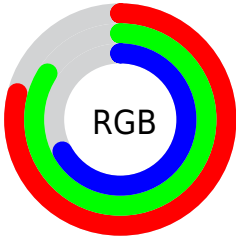
Format	Color
RYB	170, 213, 181
Decimal	13292970
CIELab	83.47, -11.06, 20.05
CIELCh	83, 22.893, 118.879
Yxy	63.0473, 0.3343, 0.3804
Android (android.graphics.Color)	4291483050 (0xFFCAD5AA)
YUV	204.8090, -17.1608, -2.4635
Hunter-Lab	79.4024, -14.3966, 20.2780

Details

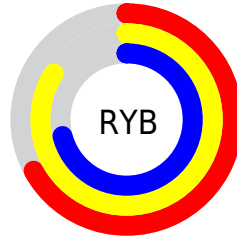
The RGB color **202, 213, 170** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **181, 170, 213**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 255, 225**, and **148, 158, 118** is the 20% darker color. If you saturate the color by 10%, you get **197, 213, 149**, and if you desaturate by 10%, it is **207, 213, 191**.

Distribution



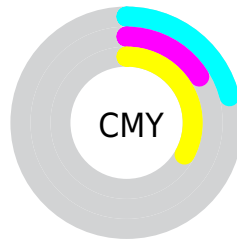
- Red (79%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 213, 170 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 202, 213, 170 by changing the saturation by 10% instead.


 202, 213, 170

255, 255, 255

 255, 255, 225

255, 255, 254

 202, 213, 170

 174, 185, 143

 148, 158, 118

 122, 132, 93

 97, 107, 69

 72, 83, 46

 49, 60, 25

 29, 38, 0

 0, 19, 0

 0, 0, 0

 202, 213, 170

 202, 213, 170

 197, 213, 149


 207, 213, 191

 191, 213, 127


 213, 213, 213

 186, 213, 106

 218, 213, 234

 180, 213, 85

 224, 213, 255

 175, 213, 63

 229, 213, 255

 169, 213, 42

 235, 213, 255

 164, 213, 21

 240, 213, 255

 159, 213, 0

 246, 213, 255

 251, 213, 255

Harmonies

Analogous

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



225, 206, 165



202, 213, 170



177, 218, 185

Triad

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



202, 213, 170



158, 216, 244



250, 193, 210

Complementary

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



202, 213, 170



181, 170, 213

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.



235, 196, 231



202, 213, 170



182, 210, 251

Square

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



202, 213, 170



149, 220, 228



211, 203, 246



252, 194, 188

Rectangle

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



202, 213, 170



163, 220, 199



211, 203, 246



246, 194, 217

Sweetspot

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



202, 213, 170



251, 255, 240



213, 181, 170



125, 128, 119



0, 0, 0



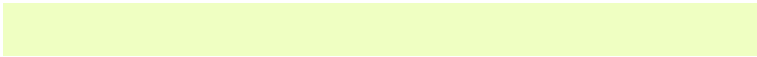
128, 128, 128

Same Dimension

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



202, 213, 170



239, 255, 194



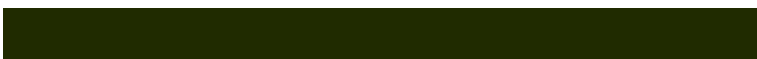
181, 213, 170



104, 107, 96



127, 171, 0



32, 43, 0

Inverse Universe

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



181, 170, 213



209, 194, 255



202, 170, 213



99, 96, 107



44, 0, 171



11, 0, 43

Previews

White Background



This preview shows how the RGB color 202, 213, 170 looks on a white background.

Color Contrast Check

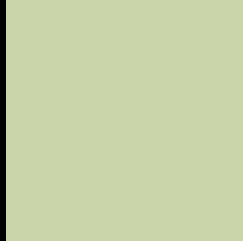
Large Text (above 18pt) WCAG AA × Fail

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 202, 213, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

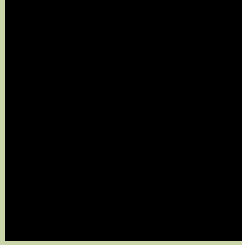
Any Text WCAG AA ✓ Pass

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 202, 213, 170 Background



This preview shows how black text looks on a background with the RGB color 202, 213, 170.



This preview shows how white text looks on a background with the RGB color 202, 213, 170.

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
202, 213, 170

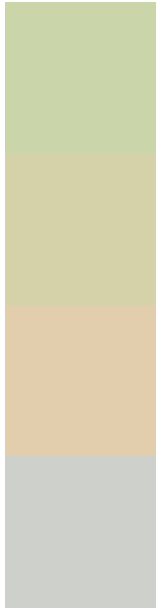
Protanopia
220, 207, 167

Deuteranopia
240, 200, 173



Tritanopia
209, 206, 222

Trichromacy



Original Color
202, 213, 170

Protanomaly
213, 209, 168

Deuteranomaly
226, 205, 172

Tritanomaly
206, 209, 203

Monochromacy



Original Color
202, 213, 170

Achromatopsia
205, 205, 205

Achromatomaly
204, 208, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 213, 170 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(202, 213, 170)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 170)  
}
```

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(202, 213, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 170) }
```

Border

The CSS property to change the border of an element to RGB 202, 213, 170 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(202, 213, 170) }
```

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

```
.border{ border-color:rgb(202, 213, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 170);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 202, 213, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 170) }
```

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

```
.background{ background-color: rgb(202,  
213, 170) }
```

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