

Converting Colors

RGB(205, 210, 161)

Have a look what the booklet for
RGB(205, 210, 161) contains.

RGB(205, 210, 161)	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(205, 210, 161)

Conversions

Conversions Part 1

Format	Color
Hex	CDD2A1
RGB	205, 210, 161
RGB Percent	80%, 82%, 63%
CMY	0.1961, 0.1765, 0.3686
CMYK	0.02, 0.00, 0.23, 0.18
HSL	66°, 35%, 73%
HSV	66°, 23%, 82%
XYZ	54.6565, 61.6455, 42.7363
YIQ	202.9190, 12.7490, -16.2990

Conversions

Conversions Part 2

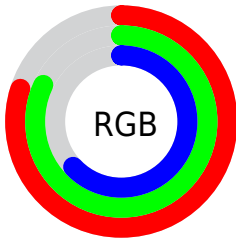
Format	Color
RYB	161, 210, 166
Decimal	13488801
CIELab	82.72, -9.75, 23.78
CIELCh	83, 25.702, 112.293
Yxy	61.6455, 0.3437, 0.3876
Android (android.graphics.Color)	4291678881 (0xFFCDD2A1)
YUV	202.9190, -20.6661, 1.8250
Hunter-Lab	78.5147, -13.1414, 22.6882

Details

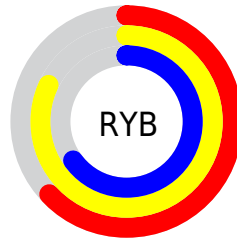
The RGB color **205, 210, 161** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **166, 161, 210**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 255, 216**, and **150, 156, 109** is the 20% darker color. If you saturate the color by 10%, you get **203, 210, 140**, and if you desaturate by 10%, it is **207, 210, 182**.

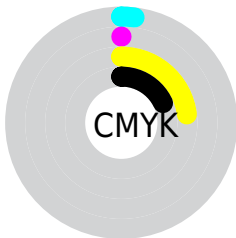
Distribution



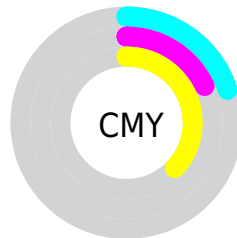
- Red (80%)
- Green (82%)
- Blue (63%)



- Red (63%)
- Yellow (82%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 210, 161 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 205, 210, 161 by changing the saturation by 10% instead.


 205, 210, 161


255, 255, 255


 255, 255, 216

 255, 255, 245

 205, 210, 161


 177, 182, 135

 150, 156, 109

 124, 130, 85

 99, 104, 61

 74, 80, 38

 51, 58, 17

 30, 36, 0

 0, 16, 0


 0, 0, 0

 205, 210, 161

 205, 210, 161


 203, 210, 140


 207, 210, 182

 201, 210, 119

 209, 210, 203

 199, 210, 98


 211, 210, 224

 196, 210, 77


 214, 210, 245

 194, 210, 56

 216, 210, 255

 192, 210, 35

 218, 210, 255

 190, 210, 14

 220, 210, 255

 189, 210, 0

 222, 210, 255

 224, 210, 255

Harmonies

Analogous

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



230, 202, 158



205, 210, 161



177, 216, 176

Triad

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



205, 210, 161



144, 216, 243



250, 189, 213

Complementary

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



205, 210, 161



166, 161, 210

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.



231, 194, 236



205, 210, 161



169, 210, 253

Square

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



205, 210, 161



138, 219, 223



202, 202, 250



255, 189, 189

Rectangle

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



205, 210, 161



160, 219, 190



202, 202, 250



245, 190, 221

Sweetspot

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



205, 210, 161



253, 255, 237



210, 166, 161



126, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



205, 210, 161



248, 255, 184



181, 210, 161



103, 105, 94



151, 168, 0



37, 41, 0

Inverse Universe

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



166, 161, 210



191, 184, 255



190, 161, 210



95, 94, 105



17, 0, 168



4, 0, 41

Previews

White Background



This preview shows how the RGB color 205, 210, 161 looks on a white background.

Color Contrast Check

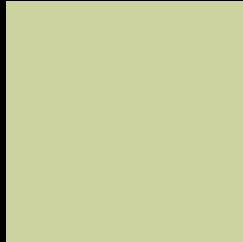
Large Text (above 18pt) WCAG AA × Fail

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 205, 210, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

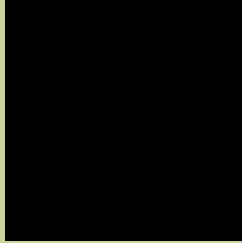
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

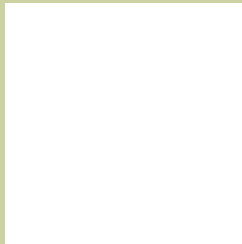
Any Text WCAG AAA ✓ Pass

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

RGB 205, 210, 161 Background



This preview shows how black text looks on a background with the RGB color 205, 210, 161.



This preview shows how white text looks on a background with the RGB color 205, 210, 161.

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](#).

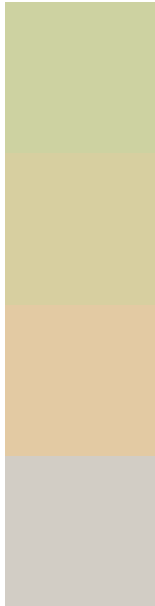
Dichromacy





Tritanopia
213, 202, 218

Trichromacy



Original Color

205, 210, 161

Protanomaly

215, 207, 160

Deuteranomaly

227, 202, 163

Tritanomaly

210, 205, 197

Monochromacy



Original Color

205, 210, 161

Achromatopsia

203, 203, 203

Achromatomaly

204, 206, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 210, 161 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(205, 210, 161)` looks like.

```
.text, #text, p{  
    color:rgb(205, 210, 161)  
}
```

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(205, 210, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 210, 161) }
```

Border

The CSS property to change the border of an element to RGB 205, 210, 161 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(205, 210, 161) }
```

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

```
.border{ border-color:rgb(205, 210, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 210, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 210, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 210, 161);  
box-shadow:4px 4px 4px 4px rgb(205, 210,  
161) }
```

Background

The CSS property to change the background color of an element to RGB 205, 210, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 210, 161) }
```

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

```
.background{ background-color: rgb(205,  
210, 161) }
```

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