

Converting Colors

RGB(200, 210, 112)

Have a look what the booklet for
RGB(200, 210, 112) contains.

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Color

RGB(200, 210, 112)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C8D270 |
| RGB | 200, 210, 112 |
| RGB Percent | 78%, 82%, 44% |
| CMY | 0.2157, 0.1765, 0.5608 |
| CMYK | 0.05, 0.00, 0.47, 0.18 |
| HSL | 66°, 52%, 63% |
| HSV | 66°, 47%, 82% |
| XYZ | 49.7906, 59.5424, 24.1978 |
| YIQ | 195.8380, 25.4980, -32.5980 |

Conversions

Conversions Part 2

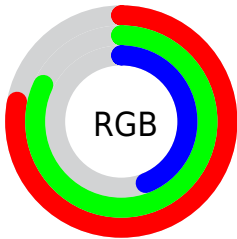
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 112, 210, 122 |
| Decimal | 13161072 |
| CIELab | 81.59, -17.58, 47.11 |
| CIELCh | 82, 50.285, 110.461 |
| Yxy | 59.5424, 0.3729, 0.4459 |
| Android (android.graphics.Color) | 4291351152 (0xFFC8D270) |
| YUV | 195.8380, -41.3321, 3.6501 |
| Hunter-Lab | 77.1637, -19.8577, 35.4218 |

Details

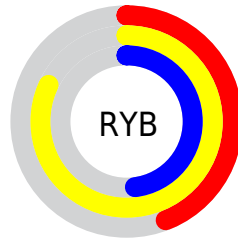
The RGB color **200, 210, 112** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **122, 112, 210**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 255, 166**, and **144, 156, 61** is the 20% darker color. If you saturate the color by 10%, you get **198, 210, 91**, and if you desaturate by 10%, it is **202, 210, 133**.

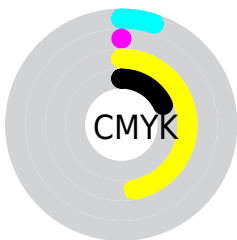
Distribution



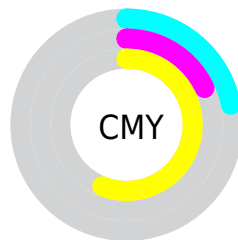
- Red (78%)
- Green (82%)
- Blue (44%)



- Red (44%)
- Yellow (82%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 210, 112 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 200, 210, 112 by changing the saturation by 10% instead.

 200, 210, 112

255, 255, 255

 255, 255, 166

 255, 255, 193

 255, 255, 222


 255, 255, 251

 200, 210, 112


 172, 182, 86


 144, 156, 61

 117, 130, 35

 91, 105, 2

 66, 80, 0

 41, 58, 0


 15, 36, 0

 0, 11, 0

 0, 0, 0

 200, 210, 112

 200, 210, 112

 198, 210, 91


 202, 210, 133

 196, 210, 70

 204, 210, 154


 194, 210, 49

 206, 210, 175

 191, 210, 28

 209, 210, 196

 189, 210, 7

 211, 210, 217

 189, 210, 0

 213, 210, 238

 215, 210, 255

 217, 210, 255

 219, 210, 255

Harmonies

Analogous

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



245, 195, 109



200, 210, 112



145, 221, 141

Triad

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



200, 210, 112



0, 223, 255



255, 166, 220

Complementary

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



200, 210, 112



122, 112, 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.



247, 178, 255



200, 210, 112



93, 212, 255

Square

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



200, 210, 112



0, 227, 234



184, 196, 255



255, 166, 172

Rectangle

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



200, 210, 112



101, 225, 170



184, 196, 255



255, 169, 235

Sweetspot

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



200, 210, 112



251, 255, 219



210, 122, 112



125, 128, 106



0, 0, 0



128, 128, 128

Same Dimension

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



200, 210, 112



240, 255, 112



151, 210, 112



103, 105, 94



151, 168, 0



37, 41, 0

Inverse Universe

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



122, 112, 210



127, 112, 255



171, 112, 210



95, 94, 105



17, 0, 168



4, 0, 41

Previews

White Background



This preview shows how the RGB color 200, 210, 112 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 200, 210, 112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

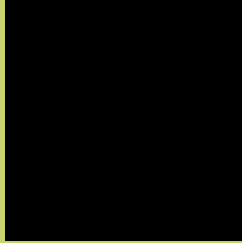
Any Text WCAG AA ✓ Pass

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 200, 210, 112 Background



This preview shows how black text looks on a background with the RGB color 200, 210, 112.

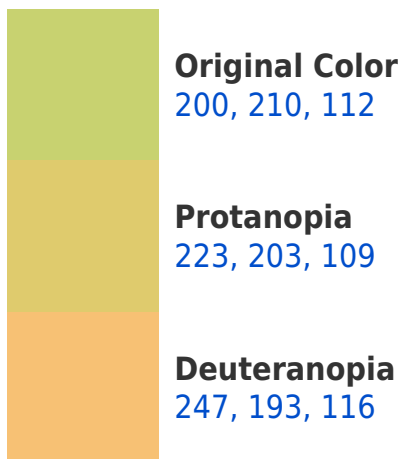



This preview shows how white text looks on a background with the RGB color 200, 210, 112.

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
212, 198, 214

Trichromacy



Original Color
200, 210, 112

Protanomaly
215, 206, 110

Deuteranomaly
230, 199, 115

Tritanomaly
208, 202, 177

Monochromacy



Original Color
200, 210, 112

Achromatopsia
196, 196, 196

Achromatomaly
197, 201, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 210, 112 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(200, 210, 112)` looks like.

```
.text, #text, p{  
    color:rgb(200, 210, 112)  
}
```

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(200, 210, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 112) }
```

Border

The CSS property to change the border of an element to RGB 200, 210, 112 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(200, 210, 112) }
```

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

```
.border{ border-color:rgb(200, 210, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 210, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 112);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
112) }
```

Background

The CSS property to change the background color of an element to RGB 200, 210, 112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 210, 112) }
```

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

```
.background{ background-color: rgb(200,  
210, 112) }
```

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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