

Converting Colors

RGB(202, 215, 125)

Have a look what the booklet for
RGB(202, 215, 125) contains.

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Color

RGB(202, 215, 125)

Conversions

Conversions Part 1

Format	Color
Hex	CAD77D
RGB	202, 215, 125
RGB Percent	79%, 84%, 49%
CMY	0.2078, 0.1569, 0.5098
CMYK	0.06, 0.00, 0.42, 0.16
HSL	69°, 53%, 67%
HSV	69°, 42%, 84%
XYZ	52.3592, 62.6381, 28.7328
YIQ	200.8530, 21.1420, -30.7460

Conversions

Conversions Part 2

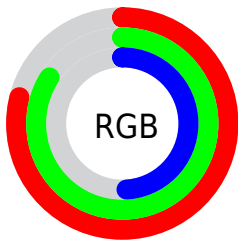
Format	Color
RYB	125, 215, 138
Decimal	13293437
CIELab	83.25, -17.93, 42.84
CIELCh	83, 46.441, 112.711
Yxy	62.6381, 0.3643, 0.4358
Android (android.graphics.Color)	4291483517 (0xFFCAD77D)
YUV	200.8530, -37.3955, 1.0059
Hunter-Lab	79.1442, -20.4127, 33.8761

Details

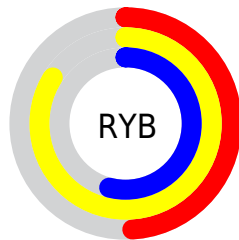
The RGB color **202, 215, 125** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **138, 125, 215**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **255, 255, 179**, and **146, 160, 74** is the 20% darker color. If you saturate the color by 10%, you get **199, 215, 103**, and if you desaturate by 10%, it is **205, 215, 147**.

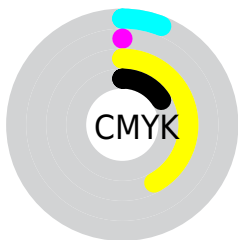
Distribution



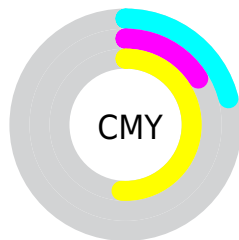
- Red (79%)
- Green (84%)
- Blue (49%)



- Red (49%)
- Yellow (84%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (42%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 215, 125 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, 215, 125 by changing the saturation by 10% instead.

 202, 215, 125

 202, 215, 125

255, 255, 255

 174, 187, 99


 255, 255, 179

 146, 160, 74

 255, 255, 207


 120, 134, 49

 255, 255, 235

 94, 109, 23

 68, 85, 0

 45, 61, 0

 19, 40, 0

 0, 20, 0

 0, 0, 0

 202, 215, 125


 202, 215, 125

 199, 215, 103


 205, 215, 147

 196, 215, 82


 208, 215, 168

 193, 215, 61

 211, 215, 190

 190, 215, 39

 214, 215, 211

 186, 215, 17

 218, 215, 233

 184, 215, 0

 221, 215, 254

 224, 215, 255

 227, 215, 255

 230, 215, 255

Harmonies

Analogous

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



245, 201, 120



202, 215, 125



151, 225, 153

Triad

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



202, 215, 125



0, 225, 255



255, 174, 220

Complementary

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



202, 215, 125



138, 125, 215

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.



252, 184, 255



202, 215, 125



121, 215, 255

Square

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



202, 215, 125



0, 230, 240



196, 200, 255



255, 175, 176

Rectangle

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



202, 215, 125



112, 229, 180



196, 200, 255



255, 176, 234

Sweetspot

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



202, 215, 125



250, 255, 222



215, 137, 125



125, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



202, 215, 125



237, 255, 128



158, 215, 125



106, 107, 96



146, 171, 0



37, 43, 0

Inverse Universe

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



138, 125, 215



146, 128, 255



182, 125, 215



98, 96, 107



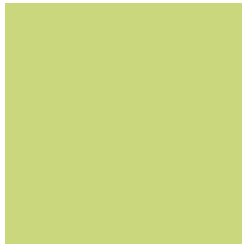
25, 0, 171



6, 0, 43

Previews

White Background



This preview shows how the RGB color 202, 215, 125 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, 215, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

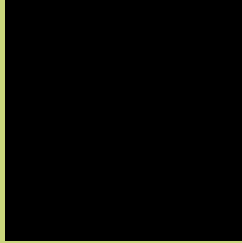
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

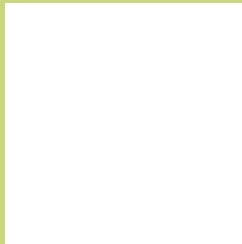
Any Text WCAG AAA ✓ Pass

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

RGB 202, 215, 125 Background



This preview shows how black text looks on a background with the RGB color 202, 215, 125.



This preview shows how white text looks on a background with the RGB color 202, 215, 125.

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, 215, 125

Protanopia
227, 207, 122

Deuteranopia
250, 198, 129



Tritanopia
213, 204, 220

Trichromacy



Original Color
202, 215, 125

Protanomaly
218, 210, 123

Deuteranomaly
233, 204, 128

Tritanomaly
209, 208, 185

Monochromacy



Original Color
202, 215, 125

Achromatopsia
201, 201, 201

Achromatomaly
201, 206, 173

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 215, 125 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, 215, 125)` looks like.

```
.text, #text, p{  
    color:rgb(202, 215, 125)  
}
```

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, 215, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 215, 125) }
```

Border

The CSS property to change the border of an element to RGB 202, 215, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

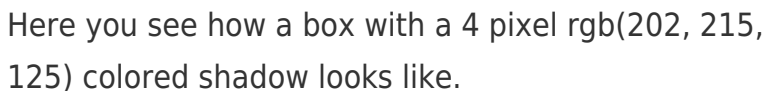
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 215, 125) }
```

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

```
.border{ border-color:rgb(202, 215, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 215, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 215, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 215, 125); box-shadow:4px 4px 4px 4px rgb(202, 215, 125) }
```

Background

The CSS property to change the background color of an element to RGB 202, 215, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 215, 125) }
```

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

```
.background{ background-color: rgb(202,  
215, 125) }
```

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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