

Converting Colors

RGB(215, 218, 164)

Have a look what the booklet for
RGB(215, 218, 164) contains.

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Color

RGB(215, 218, 164)

Conversions

Conversions Part 1

Format	Color
Hex	D7DAA4
RGB	215, 218, 164
RGB Percent	84%, 85%, 64%
CMY	0.1569, 0.1451, 0.3569
CMYK	0.01, 0.00, 0.25, 0.15
HSL	63°, 42%, 75%
HSV	63°, 25%, 85%
XYZ	59.7966, 67.2702, 44.9548
YIQ	210.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

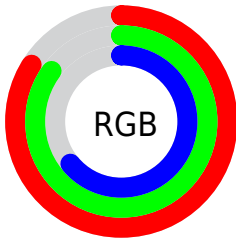
Format	Color
RYB	164, 218, 167
Decimal	14146212
CIELab	85.64, -9.67, 26.32
CIELCh	86, 28.037, 110.179
Yxy	67.2702, 0.3476, 0.3911
Android (android.graphics.Color)	4292336292 (0xFFD7DAA4)
YUV	210.9470, -23.1449, 3.5545
Hunter-Lab	82.0184, -13.3945, 24.9157

Details

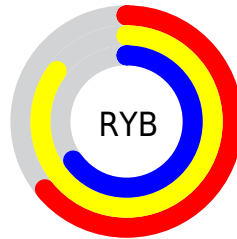
The RGB color **215, 218, 164** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **167, 164, 218**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **255, 255, 219**, and **160, 163, 112** is the 20% darker color. If you saturate the color by 10%, you get **214, 218, 142**, and if you desaturate by 10%, it is **216, 218, 186**.

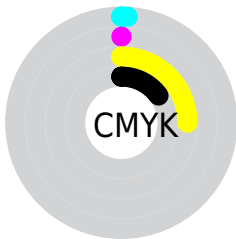
Distribution



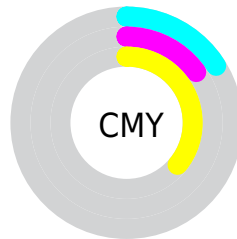
- Red (84%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 218, 164 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 215, 218, 164 by changing the saturation by 10% instead.


 215, 218, 164


255, 255, 255


 255, 255, 219

 255, 255, 248

 215, 218, 164

 187, 190, 138

 160, 163, 112

 133, 137, 87

 107, 112, 63

 83, 87, 40

 59, 64, 18

 37, 42, 0

 7, 22, 0

 0, 0, 0

 215, 218, 164


 215, 218, 164

 214, 218, 142


 216, 218, 186

 213, 218, 120

 217, 218, 208

 211, 218, 99

 219, 218, 229

 210, 218, 77

 220, 218, 251

 209, 218, 55

 221, 218, 255

 208, 218, 33

 222, 218, 255

 207, 218, 11

 223, 218, 255

 206, 218, 0

 225, 218, 255

 226, 218, 255

Harmonies

Analogous

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



242, 209, 162



215, 218, 164



185, 225, 179

Triad

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



215, 218, 164



143, 226, 254



255, 196, 224

Complementary

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



215, 218, 164



167, 164, 218

Split Complementary

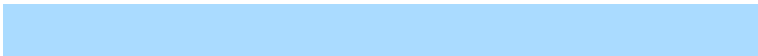
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 201, 248



215, 218, 164



170, 219, 255

Square

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



215, 218, 164



139, 229, 231



207, 210, 255



255, 196, 197

Rectangle

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



215, 218, 164



165, 228, 195



207, 210, 255



255, 197, 233

Sweetspot

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



215, 218, 164



254, 255, 237



218, 167, 164



127, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



215, 218, 164



251, 255, 179



188, 218, 164



109, 110, 99



164, 173, 0



43, 46, 0

Inverse Universe

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



167, 164, 218



183, 179, 255



194, 164, 218



99, 99, 110



10, 0, 173



3, 0, 46

Previews

White Background



This preview shows how the RGB color 215, 218, 164 looks on a white background.

Color Contrast Check

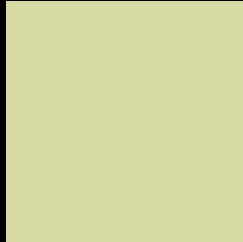
Large Text (above 18pt) WCAG AA × Fail

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 215, 218, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

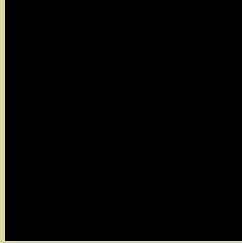
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

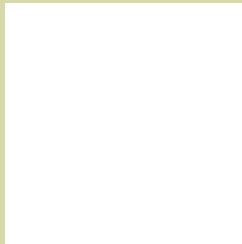
Any Text WCAG AAA ✓ Pass

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

RGB 215, 218, 164 Background



This preview shows how black text looks on a background with the RGB color 215, 218, 164.

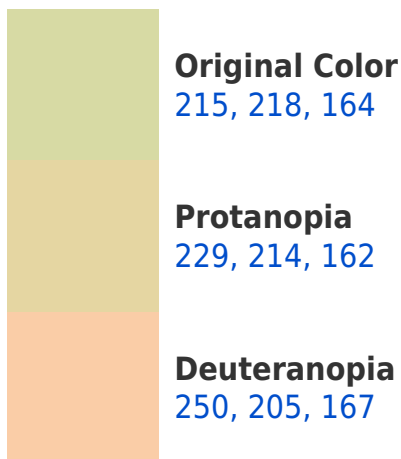


This preview shows how white text looks on a background with the RGB color 215, 218, 164.

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](#).

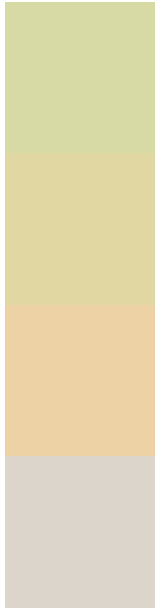
Dichromacy





Tritanopia
223, 210, 226

Trichromacy



Original Color
215, 218, 164

Protanomaly
224, 215, 163

Deuteranomaly
237, 210, 166

Tritanomaly
220, 213, 203

Monochromacy



Original Color
215, 218, 164

Achromatopsia
211, 211, 211

Achromatomaly
212, 214, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 218, 164 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(215, 218, 164)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 164)  
}
```

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(215, 218, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 164) }
```

Border

The CSS property to change the border of an element to RGB 215, 218, 164 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(215, 218, 164) }
```

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

```
.border{ border-color:rgb(215, 218, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 164);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 215, 218, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 164) }
```

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

```
.background{ background-color: rgb(215,  
218, 164) }
```

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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