

Converting Colors

`RYB(168, 215, 149)`

Have a look what the booklet for
RYB(168, 215, 149) contains.

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Color

R_YB(168, 215, 149)

Conversions

Conversions Part 1

Format	Color
Hex	D7C895
RGB	215, 200, 149
RGB Percent	84%, 78%, 58%
CMY	0.1569, 0.2147, 0.4157
CMYK	0.00, 0.07, 0.31, 0.16
HSL	47°, 45%, 71%
HSV	47°, 31%, 84%
XYZ	54.1607, 58.0401, 36.7821
YIQ	198.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

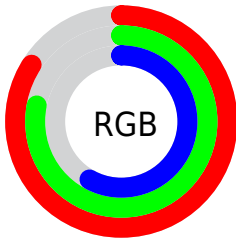
Format	Color
RYB	168, 215, 149
Decimal	14141589
CIELab	80.76, -2.55, 27.54
CIELCh	81, 27.656, 95.285
Yxy	58.0401, 0.3635, 0.3896
Android (android.graphics.Color)	4292331669 (0xFFD7C895)
YUV	198.6710, -24.4878, 14.3205
Hunter-Lab	76.1840, -6.4230, 24.7033

Details

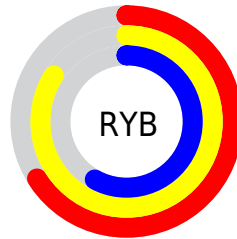
The RYB color **168, 215, 149** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **149, 161, 215**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **203, 255, 203**, and **115, 159, 98** is the 20% darker color. If you saturate the color by 10%, you get **153, 215, 127**, and if you desaturate by 10%, it is **184, 215, 171**.

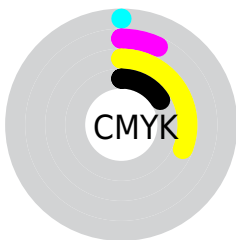
Distribution



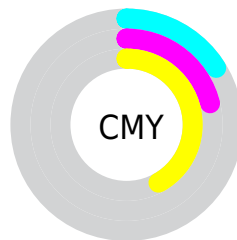
- Red (84%)
- Green (78%)
- Blue (58%)



- Red (66%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RYB color 168, 215, 149 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 RYB color 168, 215, 149 by changing the saturation by 10% instead.

 168, 215, 149

 168, 215, 149

255, 255, 255

 141, 187, 123

 203, 255, 203

 115, 159, 98

 232, 255, 232

 88, 133, 73

 64, 107, 50

 40, 82, 28

 12, 57, 4

 7, 35, 0

 0, 5, 5

 0, 0, 0

 168, 215, 149

 168, 215, 149

 153, 215, 127

 184, 215, 171

 137, 215, 106

 198, 215, 192

 122, 215, 85

 214, 215, 214

 107, 215, 63

 215, 218, 235

 92, 215, 42

 215, 222, 255

 77, 215, 20

 215, 225, 255

 62, 215, 0

 215, 228, 255

 215, 230, 255

 215, 231, 255

Harmonies

Analogous

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



238, 223, 154



168, 215, 149



158, 208, 179

Triad

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



168, 215, 149



125, 173, 229



238, 185, 223

Complementary

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



168, 215, 149



149, 161, 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.



210, 192, 243



168, 215, 149



142, 183, 247

Square

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



168, 215, 149



133, 177, 215



175, 194, 252



252, 182, 197

Rectangle

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



168, 215, 149



167, 209, 212



175, 194, 252



230, 187, 230

Sweetspot

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



168, 215, 149



238, 255, 232



215, 149, 164



118, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



168, 215, 149



188, 255, 161



149, 215, 167



98, 107, 96



49, 171, 0



11, 43, 0

Inverse Universe

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



149, 161, 215



161, 178, 255



167, 149, 215



96, 98, 107



0, 31, 171



0, 8, 43

Previews

White Background



This preview shows how the RYB color 168, 215, 149 looks on a white background.

Color Contrast Check

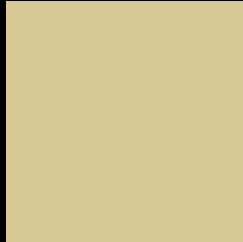
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 168, 215, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

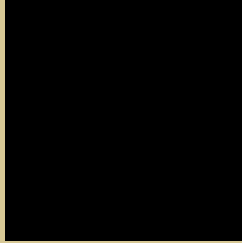
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

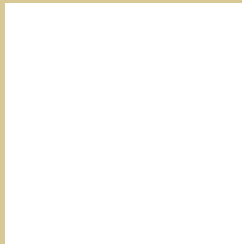
Any Text WCAG AAA ✓ Pass

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

RYB 168, 215, 149 Background



This preview shows how black text looks on a background with the RYB color 168, 215, 149.



This preview shows how white text looks on a background with the RYB color 168, 215, 149.

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
168, 215, 149

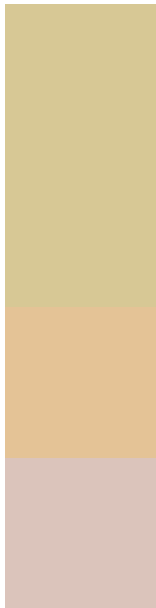
Protanopia
168, 215, 149

Deuteranopia
236, 230, 151



Tritanopia
222, 193, 208

Trichromacy



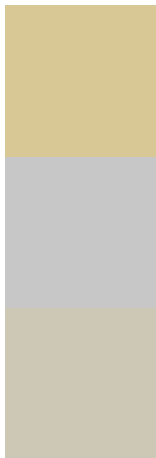
Original Color
168, 215, 149

Protanomaly
168, 215, 149

Deuteranomaly
207, 228, 150

Tritanomaly
219, 200, 187

Monochromacy



Original Color
168, 215, 149

Achromatopsia
199, 199, 199

Achromatomaly
189, 205, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 168, 215, 149 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, 200, 149) looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 149)  
}
```

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, 200, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 149) }
```

Border

The CSS property to change the border of an element to RYB 168, 215, 149 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, 200, 149) }
```

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

```
.border{ border-color:rgb(215, 200, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 200, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 149);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 168, 215, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 149) }
```

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

```
.background{ background-color: rgb(215,  
200, 149) }
```

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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