

Converting Colors

`RYB(201, 212, 136)`

Have a look what the booklet for
RYB(201, 212, 136) contains.

RYB(201, 212, 136)	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

R_YB(201, 212, 136)

Conversions

Conversions Part 1

Format	Color
Hex	D4B188
RGB	212, 177, 136
RGB Percent	83%, 69%, 53%
CMY	0.1686, 0.3060, 0.4667
CMYK	0.00, 0.17, 0.36, 0.17
HSL	32°, 47%, 68%
HSV	32°, 36%, 83%
XYZ	47.3104, 47.2049, 29.9105
YIQ	182.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

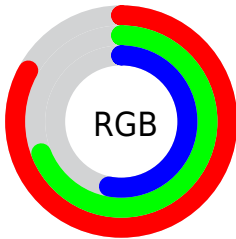
Format	Color
R_{YB}	201, 212, 136
Decimal	13939080
CIE _{Lab}	74.32, 6.94, 25.71
CIE _{LCh}	74, 26.634, 74.889
Yxy	47.2049, 0.3802, 0.3794
Android (android.graphics.Color)	4292129160 (0xFFD4B188)
YUV	182.7910, -23.0680, 25.6163
Hunter-Lab	68.7058, 2.6789, 22.2827

Details

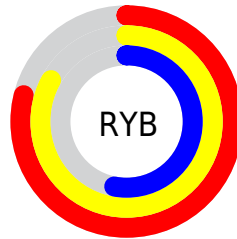
The RYB color **201, 212, 136** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **136, 160, 212**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **223, 255, 190**, and **142, 156, 86** is the 20% darker color. If you saturate the color by 10%, you get **199, 212, 115**, and if you desaturate by 10%, it is **203, 212, 157**.

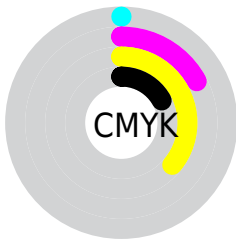
Distribution



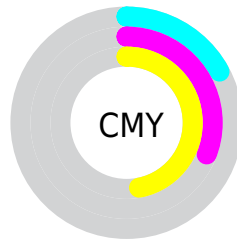
- Red (83%)
- Green (69%)
- Blue (53%)



- Red (79%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (17%)



- Cyan (17%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 212, 136 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 201, 212, 136 by changing the saturation by 10% instead.

 201, 212, 136


255, 255, 255

 223, 255, 190


 217, 255, 217

 246, 255, 246


 201, 212, 136

 173, 184, 110

 145, 156, 86

 113, 129, 62

 87, 103, 40

 61, 78, 18

 37, 54, 0

 30, 15, 0

 0, 0, 0

 201, 212, 136

 201, 212, 136

■ 199, 212, 115

■ 203, 212, 157

■ 197, 212, 94

■ 205, 212, 178

■ 190, 212, 72

■ 212, 212, 200

■ 188, 212, 51

■ 212, 215, 221

■ 186, 212, 30

■ 212, 222, 242

■ 184, 212, 9

■ 212, 227, 255

■ 182, 212, 0

■ 212, 231, 255

■ 212, 234, 255

Harmonies

Analogous

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



228, 176, 149



201, 212, 136



138, 188, 135

Triad

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



201, 212, 136



114, 156, 197



202, 172, 218

Complementary

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



201, 212, 136



136, 160, 212

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.



170, 179, 230



201, 212, 136



113, 158, 216

Square

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



201, 212, 136



133, 173, 196



136, 170, 229



224, 166, 196

Rectangle

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



201, 212, 136



142, 190, 162



136, 170, 229



192, 175, 223

Sweetspot

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



201, 212, 136



251, 255, 227



212, 136, 171



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



201, 212, 136



240, 255, 145



136, 212, 139



105, 107, 96



147, 171, 0



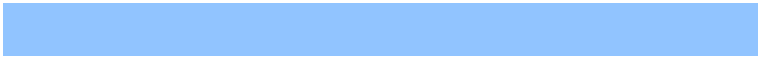
37, 43, 0

Inverse Universe

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



136, 160, 212



145, 180, 255



139, 136, 212



96, 99, 107



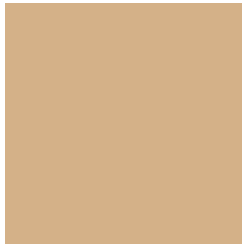
0, 54, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 201, 212, 136 looks on a white background.

Color Contrast Check

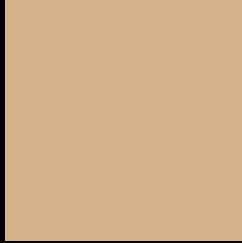
Large Text (above 18pt) WCAG AA × Fail

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 201, 212, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

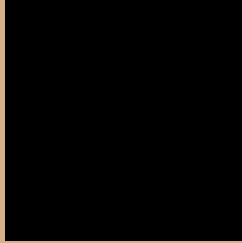
Any Text WCAG AA ✓ Pass

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 201, 212, 136 Background



This preview shows how black text looks on a background with the RYB color 201, 212, 136.



This preview shows how white text looks on a background with the RYB color 201, 212, 136.

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
201, 212, 136

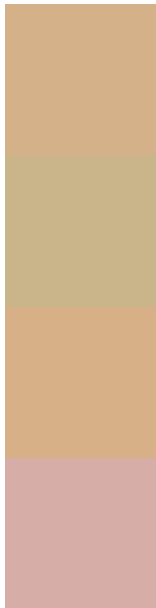
Protanopia
156, 196, 139

Deuteranopia
216, 212, 136



Tritanopia
217, 171, 184

Trichromacy



Original Color
201, 212, 136

Protanomaly
169, 202, 138

Deuteranomaly
213, 215, 136

Tritanomaly
215, 174, 167

Monochromacy



Original Color
201, 212, 136

Achromatopsia
183, 183, 183

Achromatomaly
190, 194, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 212, 136 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(212, 177, 136) looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 136)  
}
```

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(212, 177, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 136) }
```

Border

The CSS property to change the border of an element to RYB 201, 212, 136 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(212, 177, 136) }
```

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

```
.border{ border-color:rgb(212, 177, 136) }
```

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

Here you see how a box with a 4 pixel rgb(212, 177, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
136) }
```

Background

The CSS property to change the background color of an element to RGB 212, 177, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 136) }
```

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

```
.background{ background-color: rgb(212,  
177, 136) }
```

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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