

# Converting Colors

`RYB(186, 212, 191)`

Have a look what the booklet for  
RYB(186, 212, 191) contains.

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# **Color**

**R<sub>Y</sub>B(186, 212, 191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFD4BA
RGB	207, 212, 186
RGB Percent	81%, 83%, 73%
CMY	0.1882, 0.1686, 0.2706
CMYK	0.02, 0.00, 0.12, 0.17
HSL	72°, 23%, 78%
HSV	72°, 12%, 83%
XYZ	58.1385, 63.8975, 55.7236
YIQ	207.5410, 5.3660, -9.1460

# Conversions

## Conversions Part 2

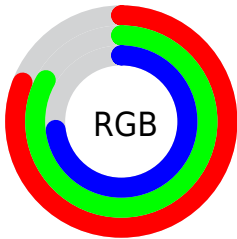
<b>Format</b>	<b>Color</b>
<b>RYB</b>	186, 212, 191
Decimal	13620410
CIELab	83.91, -6.22, 12.29
CIELCh	84, 13.771, 116.856
Yxy	63.8975, 0.3271, 0.3595
Android (android.graphics.Color)	4291810490 (0xFFCFD4BA)
YUV	207.5410, -10.6197, -0.4745
Hunter-Lab	79.9359, -10.0623, 14.6239

# Details

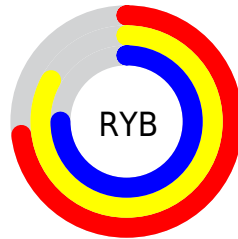
The RYB color **186, 212, 191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **191, 186, 212**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **242, 255, 242**, and **133, 157, 137** is the 20% darker color. If you saturate the color by 10%, you get **165, 212, 174**, and if you desaturate by 10%, it is **207, 212, 208**.

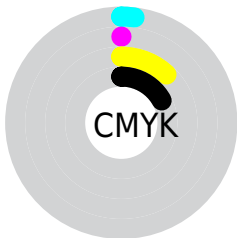
# Distribution



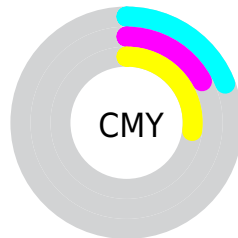
- Red (81%)
- Green (83%)
- Blue (73%)



- Red (73%)
- Yellow (83%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 186, 212, 191 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 186, 212, 191 by changing the saturation by 10% instead.



 186, 212, 191

255, 255, 255

 242, 255, 242


 186, 212, 191

 159, 184, 164

 133, 157, 137

 108, 131, 112

 83, 106, 88

 60, 82, 65

 38, 59, 43

 18, 37, 22

 0, 17, 11

 0, 0, 0

 186, 212, 191

 186, 212, 191

 165, 212, 174

 207, 212, 208

 144, 212, 157

 215, 212, 228

 122, 212, 139

 219, 212, 250


 101, 212, 122

 223, 212, 255

 80, 212, 105

 227, 212, 255

 59, 212, 88

 231, 212, 255

 38, 212, 72

 236, 212, 255

 16, 212, 54

 240, 212, 255

 0, 212, 41

 244, 212, 255

# Harmonies

## Analogous

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



204, 221, 184



186, 212, 191



192, 212, 215

# Triad

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



186, 212, 191



181, 201, 230



235, 201, 211

# Complementary

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



186, 212, 191



191, 186, 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.



225, 203, 224



186, 212, 191



194, 206, 235

# Square

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



186, 212, 191



176, 197, 220



210, 206, 232



237, 201, 198

# Rectangle

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



186, 212, 191



184, 205, 217



210, 206, 232



232, 201, 215



# Sweetspot

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



186, 212, 191



245, 255, 247



212, 192, 186



121, 128, 123



0, 0, 0



128, 128, 128

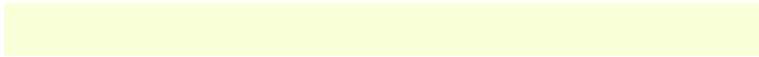


# Same Dimension

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



186, 212, 191



217, 255, 224



186, 212, 204



96, 107, 98



0, 171, 33



0, 43, 8



# Inverse Universe

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



191, 186, 212



224, 217, 255



204, 186, 212



98, 96, 107



33, 0, 171

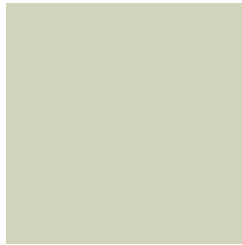


8, 0, 43



# Previews

## White Background



This preview shows how the RYB color 186, 212, 191 looks on a white background.

## Color Contrast Check

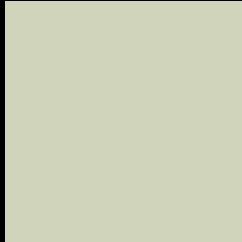
Large Text (above 18pt) WCAG AA × Fail

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 186, 212, 191 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

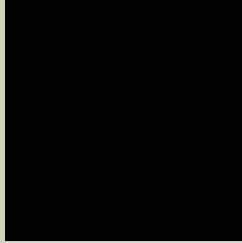
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

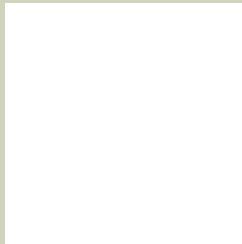
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## **RYB 186, 212, 191 Background**



This preview shows how black text looks on a background with the RYB color 186, 212, 191.

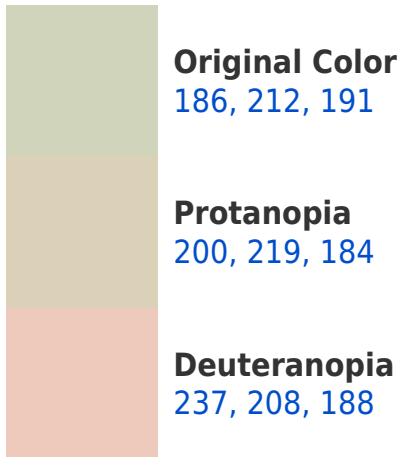


This preview shows how white text looks on a background with the RYB color 186, 212, 191.

# 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](#).

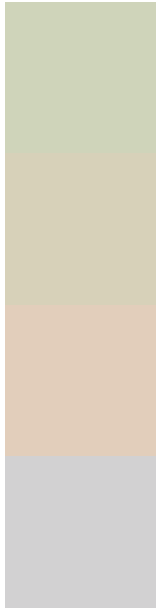
## Dichromacy





**Tritanopia**  
212, 207, 223

# Trichromacy



**Original Color**  
186, 212, 191

**Protanomaly**  
193, 215, 185

**Deuteranomaly**  
226, 224, 187

**Tritanomaly**  
210, 209, 210

# Monochromacy



**Original Color**  
186, 212, 191

**Achromatopsia**  
208, 208, 208

**Achromatomaly**  
200, 209, 201

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 186, 212, 191 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(207, 212, 186) looks like.

```
.text, #text, p{  
    color:rgb(207, 212, 186)  
}
```

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(207, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 212, 186) }
```

## Border

The CSS property to change the border of an element to RYB 186, 212, 191 is called "border". The border property can be set on classes, ids or directly on the HTML element.

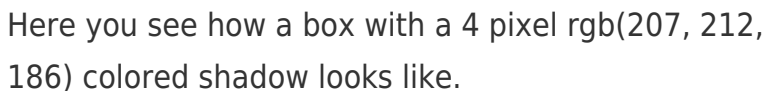
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 212, 186) }
```

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

```
.border{ border-color:rgb(207, 212, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 212,  
186) }
```

# Background

The CSS property to change the background color of an element to RYB 186, 212, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 212, 186) }
```

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

```
.background{ background-color: rgb(207,  
212, 186) }
```

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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