

Converting Colors

`RYB(186, 212, 183)`

Have a look what the booklet for RYB(186, 212, 183) contains.

RYB(186, 212, 183)	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(186, 212, 183)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1B7
RGB	212, 209, 183
RGB Percent	83%, 82%, 72%
CMY	0.1686, 0.1793, 0.2824
CMYK	0.00, 0.01, 0.14, 0.17
HSL	54°, 25%, 77%
HSV	54°, 14%, 83%
XYZ	58.5682, 63.1550, 53.9030
YIQ	206.9330, 10.1340, -7.4500

Conversions

Conversions Part 2

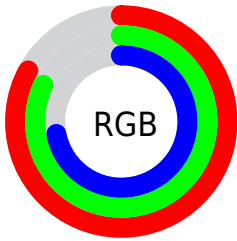
Format	Color
R_{YB}	186, 212, 183
Decimal	13947319
CIE Lab	83.52, -3.50, 13.38
CIE LCh	84, 13.829, 104.676
Yxy	63.1550, 0.3335, 0.3596
Android (android.graphics.Color)	4292137399 (0xFFD4D1B7)
YUV	206.9330, -11.7990, 4.4438
Hunter-Lab	79.4701, -7.5212, 15.4139

Details

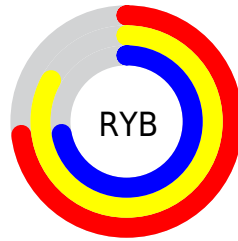
The RYB color **186, 212, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 186, 212**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **239, 255, 239**, and **132, 157, 130** is the 20% darker color. If you saturate the color by 10%, you get **168, 212, 162**, and if you desaturate by 10%, it is **205, 212, 204**.

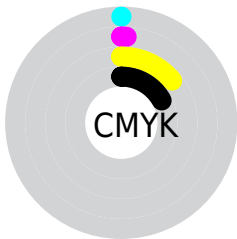
Distribution



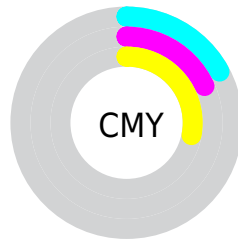
- Red (83%)
- Green (82%)
- Blue (72%)



- Red (73%)
- Yellow (83%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (14%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 212, 183 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, 183 by changing the saturation by 10% instead.


 186, 212, 183

255, 255, 255

 239, 255, 239

 186, 212, 183

 158, 184, 156

 132, 157, 130


 107, 131, 105

 83, 106, 81

 59, 81, 58

 37, 58, 36

 15, 36, 15

 0, 14, 3

 0, 0, 0

 186, 212, 183

 186, 212, 183

 168, 212, 162


 205, 212, 204

 149, 212, 141

 212, 213, 225

 129, 212, 119

 212, 215, 247

 110, 212, 98

 212, 216, 255

 91, 212, 77

 212, 218, 255

 73, 212, 56

 212, 219, 255

 54, 212, 35

 212, 221, 255

 34, 212, 13

 212, 222, 255

 22, 212, 0

 212, 223, 255

Harmonies

Analogous

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



221, 225, 183



186, 212, 183



189, 213, 205

Triad

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



186, 212, 183



177, 198, 226



231, 200, 215

Complementary

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



186, 212, 183



183, 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.



218, 203, 227



186, 212, 183



187, 203, 233

Square

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



186, 212, 183



176, 197, 216



202, 206, 233



236, 199, 202

Rectangle

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



186, 212, 183



188, 208, 215



202, 206, 233



227, 201, 220

Sweetspot

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



186, 212, 183



246, 255, 245



212, 183, 186



122, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



186, 212, 183



218, 255, 214



183, 212, 195



97, 107, 96



18, 171, 0



4, 43, 0

Inverse Universe

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



183, 186, 212



214, 218, 255



195, 183, 212



96, 97, 107



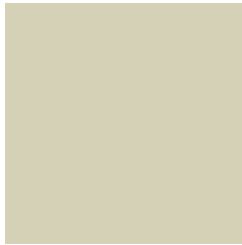
0, 15, 171



0, 4, 43

Previews

White Background



This preview shows how the RYB color 186, 212, 183 looks on a white background.

Color Contrast Check

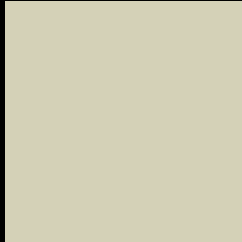
Large Text (above 18pt) WCAG AA × Fail

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, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

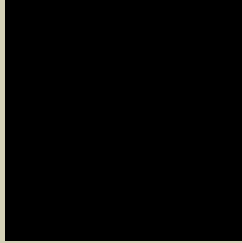
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

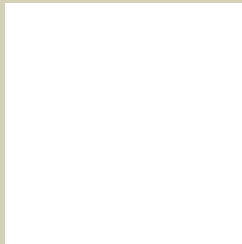
Any Text WCAG AAA ✓ Pass

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

RYB 186, 212, 183 Background



This preview shows how black text looks on a background with the RYB color 186, 212, 183.



This preview shows how white text looks on a background with the RYB color 186, 212, 183.

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
186, 212, 183

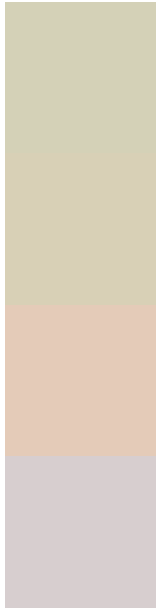
Protanopia
198, 218, 182

Deuteranopia
237, 206, 185



Tritanopia
217, 204, 220

Trichromacy



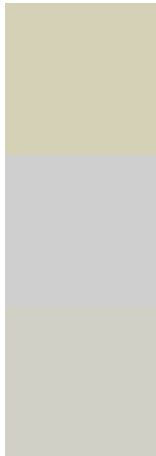
Original Color
186, 212, 183

Protanomaly
192, 216, 182

Deuteranomaly
228, 217, 184

Tritanomaly
215, 206, 207

Monochromacy



Original Color
186, 212, 183

Achromatopsia
207, 207, 207

Achromatomaly
199, 209, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 212, 183 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, 209, 183) looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 183)  
}
```

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, 209, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 183) }
```

Border

The CSS property to change the border of an element to RYB 186, 212, 183 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, 209, 183) }
```

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

```
.border{ border-color:rgb(212, 209, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 183);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 186, 212, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 183) }
```

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

```
.background{ background-color: rgb(212,  
209, 183) }
```

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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