

Converting Colors

`RYB(186, 212, 180)`

Have a look what the booklet for
RYB(186, 212, 180) contains.

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Color

$\text{RYB}(186, 212, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	D4CFB4
RGB	212, 207, 180
RGB Percent	83%, 81%, 71%
CMY	0.1686, 0.1884, 0.2941
CMYK	0.00, 0.02, 0.15, 0.17
HSL	51°, 27%, 77%
HSV	51°, 15%, 83%
XYZ	57.6897, 61.8925, 52.0859
YIQ	205.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

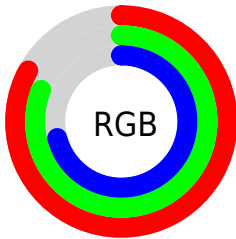
Format	Color
RYB	186, 212, 180
Decimal	13946804
CIELab	82.86, -2.76, 14.02
CIELCh	83, 14.295, 101.148
Yxy	61.8925, 0.3361, 0.3605
Android (android.graphics.Color)	4292136884 (0xFFD4CFB4)
YUV	205.4170, -12.5306, 5.7733
Hunter-Lab	78.6718, -6.7823, 15.8164

Details

The RYB color **186, 212, 180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180, 184, 212**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **236, 255, 236**, and **132, 157, 127** is the 20% darker color. If you saturate the color by 10%, you get **168, 212, 159**, and if you desaturate by 10%, it is **203, 212, 201**.

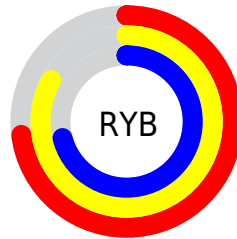
Distribution



Red (83%)

Green (81%)

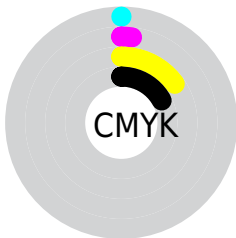
Blue (71%)



Red (73%)

Yellow (83%)

Blue (71%)

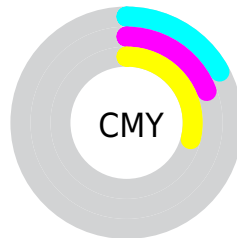


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (17%)



Cyan (17%)

Magenta (19%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 212, 180 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, 180 by changing the saturation by 10% instead.


 186, 212, 180


255, 255, 255

 236, 255, 236

 186, 212, 180

 159, 184, 153

 132, 157, 127


 107, 131, 102

 83, 106, 78

 58, 81, 55

 37, 58, 34

 14, 36, 12

 0, 12, 3

 0, 0, 0

 186, 212, 180

 186, 212, 180

 168, 212, 159

 203, 212, 201

 152, 212, 138


 212, 214, 222

 134, 212, 116

 212, 216, 244

 116, 212, 95

 212, 219, 255

 100, 212, 74

 212, 221, 255

 83, 212, 53

 212, 223, 255

 65, 212, 32

 212, 225, 255

 48, 212, 10

 212, 227, 255

 39, 212, 0

 212, 228, 255

Harmonies

Analogous

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



225, 225, 181



186, 212, 180



186, 211, 200

Triad

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



186, 212, 180



173, 195, 223



228, 198, 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, 180



180, 184, 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.



215, 201, 227



186, 212, 180



183, 200, 231

Square

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



186, 212, 180



173, 194, 214



198, 204, 232



235, 197, 202

Rectangle

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



186, 212, 180



187, 208, 213



198, 204, 232



225, 199, 219

Sweetspot

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



186, 212, 180



244, 255, 242



212, 180, 185



123, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



186, 212, 180



217, 255, 209



180, 212, 191



98, 107, 96



32, 171, 0



7, 43, 0

Inverse Universe

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



180, 184, 212



209, 215, 255



191, 180, 212



96, 98, 107



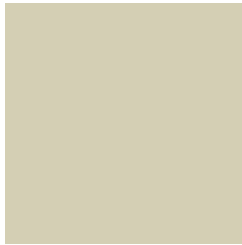
0, 23, 171



0, 6, 43

Previews

White Background



This preview shows how the RYB color 186, 212, 180 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, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

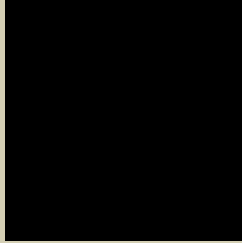
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

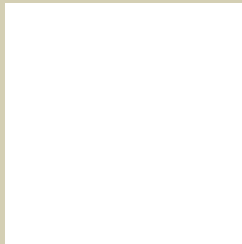
Any Text WCAG AAA ✓ Pass

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

RYB 186, 212, 180 Background



This preview shows how black text looks on a background with the RYB color 186, 212, 180.

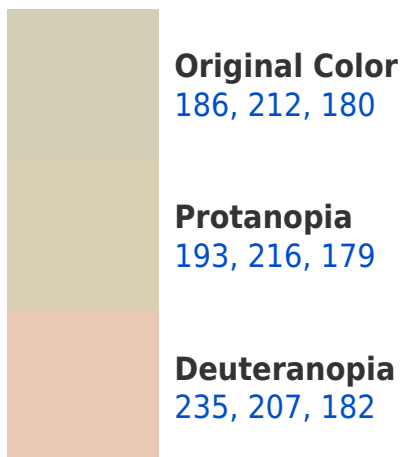


This preview shows how white text looks on a background with the RYB color 186, 212, 180.

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](#).

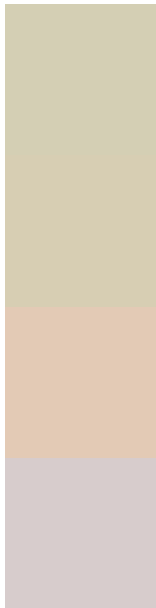
Dichromacy





Tritanopia
217, 202, 217

Trichromacy



Original Color

186, 212, 180

Protanomaly

191, 215, 179

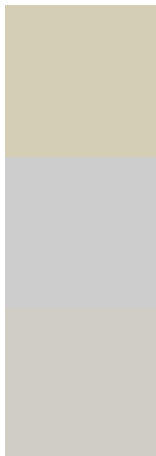
Deuteranomaly

227, 220, 181

Tritanomaly

215, 204, 204

Monochromacy



Original Color

186, 212, 180

Achromatopsia

205, 205, 205

Achromatomaly

198, 208, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 212, 180 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, 207, 180)` looks like.

```
.text, #text, p{  
    color:rgb(212, 207, 180)  
}
```

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, 207, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 207, 180) }
```

Border

The CSS property to change the border of an element to RYB 186, 212, 180 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, 207, 180) }
```

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

```
.border{ border-color:rgb(212, 207, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 207, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(212, 207,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 186, 212, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 207, 180) }
```

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

```
.background{ background-color: rgb(212,  
207, 180) }
```

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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