

Converting Colors

`RYB(186, 212, 184)`

Have a look what the booklet for
RYB(186, 212, 184) contains.

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Color

R_YB(186, 212, 184)

Conversions

Conversions Part 1

Format	Color
Hex	D4D2B8
RGB	212, 210, 184
RGB Percent	83%, 82%, 72%
CMY	0.1686, 0.1759, 0.2784
CMYK	0.00, 0.01, 0.13, 0.17
HSL	56°, 25%, 78%
HSV	56°, 13%, 83%
XYZ	58.8826, 63.6168, 54.5232
YIQ	207.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

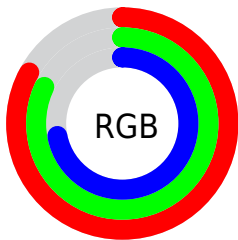
Format	Color
RYB	186, 212, 184
Decimal	13947576
CIELab	83.77, -3.79, 13.19
CIElCh	84, 13.723, 106.017
Yxy	63.6168, 0.3326, 0.3594
Android (android.graphics.Color)	4292137656 (0xFFD4D2B8)
YUV	207.6340, -11.6516, 3.8290
Hunter-Lab	79.7601, -7.8033, 15.3021

Details

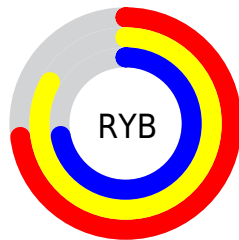
The RYB color **186, 212, 184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **184, 186, 212**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **240, 255, 240**, and **132, 157, 131** is the 20% darker color. If you saturate the color by 10%, you get **166, 212, 163**, and if you desaturate by 10%, it is **205, 212, 205**.

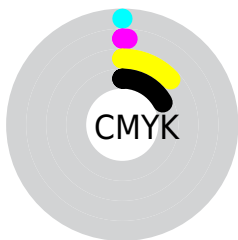
Distribution



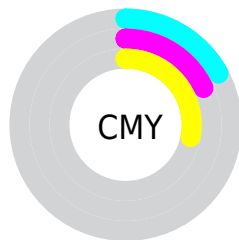
- Red (83%)
- Green (82%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 212, 184 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, 184 by changing the saturation by 10% instead.

 186, 212, 184

255, 255, 255

 240, 255, 240

 186, 212, 184

 158, 184, 157

 132, 157, 131

 107, 131, 106

 83, 106, 82

 58, 81, 58

 37, 58, 37

 16, 36, 16

 0, 15, 4

 0, 0, 0

 186, 212, 184

 186, 212, 184

 166, 212, 163


 205, 212, 205

 147, 212, 142

 212, 213, 226

 126, 212, 120

 212, 214, 248

 108, 212, 99

 212, 216, 255

 88, 212, 78

 212, 216, 255

 68, 212, 57


 212, 218, 255

 49, 212, 36

 212, 219, 255

 28, 212, 14

 212, 219, 255

 15, 212, 0

 212, 221, 255

Harmonies

Analogous

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



219, 225, 184



186, 212, 184



191, 214, 208

Triad

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



186, 212, 184



178, 199, 227



232, 201, 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, 184



184, 186, 212

Split Complementary

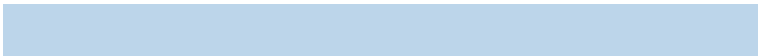
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220, 203, 227



186, 212, 184



188, 204, 234

Square

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



186, 212, 184



177, 198, 217



204, 208, 233



237, 200, 202

Rectangle

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



186, 212, 184



188, 209, 216



204, 208, 233



228, 201, 220

Sweetspot

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



186, 212, 184



246, 255, 245



212, 184, 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, 184



217, 255, 214



184, 212, 196



97, 107, 96



13, 171, 0



3, 43, 0

Inverse Universe

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



184, 186, 212



214, 217, 255



196, 184, 212



96, 97, 107



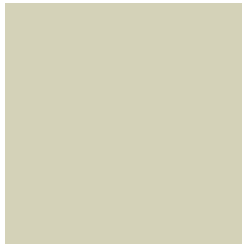
0, 10, 171



0, 3, 43

Previews

White Background



This preview shows how the RYB color 186, 212, 184 looks on a white background.

Color Contrast Check

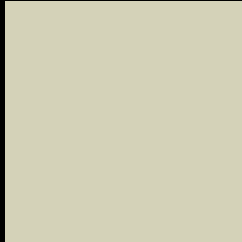
Large Text (above 18pt) WCAG AA × Fail

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, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

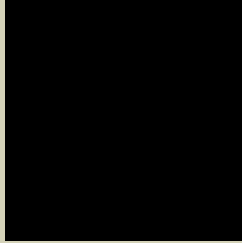
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

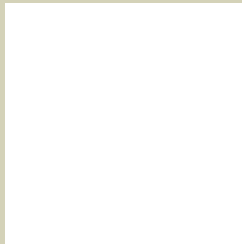
Any Text WCAG AAA ✓ Pass

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

RYB 186, 212, 184 Background



This preview shows how black text looks on a background with the RYB color 186, 212, 184.

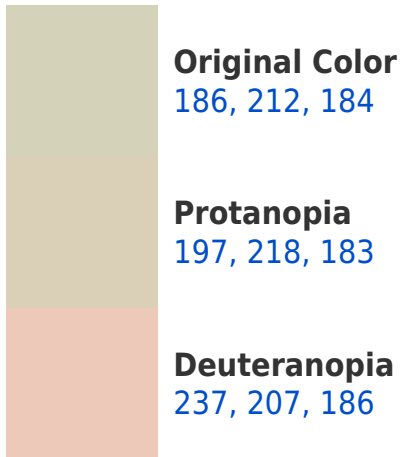


This preview shows how white text looks on a background with the RYB color 186, 212, 184.

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](#).

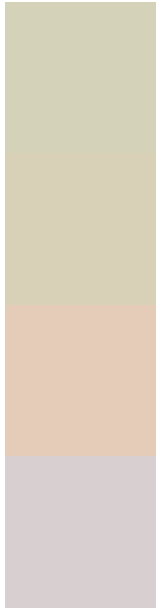
Dichromacy





Tritanopia
217, 205, 221

Trichromacy



Original Color

186, 212, 184

Protanomaly

192, 216, 183

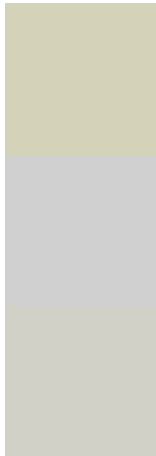
Deuteranomaly

228, 219, 185

Tritanomaly

215, 207, 208

Monochromacy



Original Color

186, 212, 184

Achromatopsia

208, 208, 208

Achromatomaly

199, 209, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 212, 184 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, 210, 184) looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 184)  
}
```

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, 210, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 184) }
```

Border

The CSS property to change the border of an element to RYB 186, 212, 184 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, 210, 184) }
```

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

```
.border{ border-color:rgb(212, 210, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 210, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 210, 184); box-shadow:4px 4px 4px 4px rgb(212, 210, 184) }
```

Background

The CSS property to change the background color of an element to RYB 186, 212, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 184) }
```

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

```
.background{ background-color: rgb(212,  
210, 184) }
```

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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