

Converting Colors

`RYB(188, 209, 131)`

Have a look what the booklet for
RYB(188, 209, 131) contains.

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Color

R_YB(188, 209, 131)

Conversions

Conversions Part 1

Format	Color
Hex	D1B083
RGB	209, 176, 131
RGB Percent	82%, 69%, 51%
CMY	0.1804, 0.3095, 0.4863
CMYK	0.00, 0.16, 0.37, 0.18
HSL	35°, 46%, 67%
HSV	35°, 37%, 82%
XYZ	45.9296, 46.2708, 27.9831
YIQ	180.7370, 34.1130, -6.9990

Conversions

Conversions Part 2

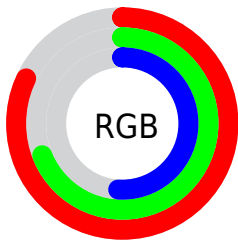
Format	Color
RYB	188, 209, 131
Decimal	13742211
CIELab	73.72, 5.64, 27.53
CIELCh	74, 28.104, 78.434
Yxy	46.2708, 0.3822, 0.3850
Android (android.graphics.Color)	4291932291 (0xFFD1B083)
YUV	180.7370, -24.5203, 24.7867
Hunter-Lab	68.0227, 1.4855, 23.2252

Details

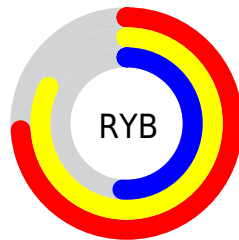
The RYB color **188, 209, 131** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **131, 154, 209**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **218, 255, 184**, and **130, 153, 81** is the 20% darker color. If you saturate the color by 10%, you get **183, 209, 110**, and if you desaturate by 10%, it is **193, 209, 152**.

Distribution



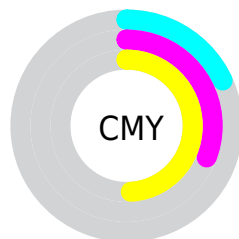
- Red (82%)
- Green (69%)
- Blue (51%)



- Red (74%)
- Yellow (82%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 188, 209, 131 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 188, 209, 131 by changing the saturation by 10% instead.


 188, 209, 131

 188, 209, 131


255, 255, 255

 162, 181, 106

 218, 255, 184


 130, 153, 81

 212, 255, 212

 103, 126, 58

 241, 255, 241

 76, 100, 35

 50, 75, 13

 33, 51, 0

 27, 14, 0


 0, 0, 0

 188, 209, 131


 188, 209, 131

 183, 209, 110

 193, 209, 152

 178, 209, 89

 199, 209, 173

 169, 209, 68

 204, 209, 194

 164, 209, 47

 209, 211, 215

 159, 209, 26

 209, 217, 235

 155, 209, 6

 209, 223, 255

 152, 209, 0

 209, 227, 255

 209, 230, 255

 209, 232, 255

Harmonies

Analogous

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



227, 178, 144



188, 209, 131



132, 185, 134

Triad

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



188, 209, 131



105, 150, 196



204, 169, 216

Complementary

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



188, 209, 131



131, 154, 209

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.



171, 177, 230



188, 209, 131



108, 156, 219

Square

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



188, 209, 131



125, 168, 195



135, 169, 231



226, 163, 192

Rectangle

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



188, 209, 131



140, 189, 165



135, 169, 231



194, 172, 222

Sweetspot

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



188, 209, 131



248, 255, 227



209, 131, 165



123, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



188, 209, 131



222, 255, 140



131, 209, 136



103, 105, 94



123, 168, 0



29, 41, 0

Inverse Universe

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



131, 154, 209



140, 174, 255



136, 131, 209



94, 97, 105



0, 50, 168



0, 12, 41

Previews

White Background



This preview shows how the RYB color 188, 209, 131 looks on a white background.

Color Contrast Check

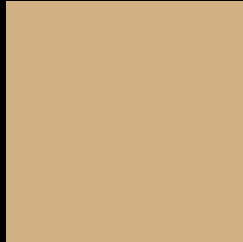
Large Text (above 18pt) WCAG AA × Fail

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 188, 209, 131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

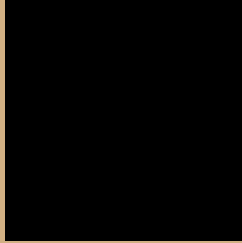
Any Text WCAG AA ✓ Pass

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 188, 209, 131 Background



This preview shows how black text looks on a background with the RYB color 188, 209, 131.



This preview shows how white text looks on a background with the RYB color 188, 209, 131.

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
188, 209, 131

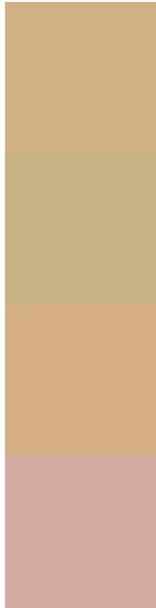
Protanopia
151, 195, 133

Deuteranopia
211, 215, 131



Tritanopia
214, 169, 182

Trichromacy



Original Color
188, 209, 131

Protanomaly
162, 200, 132

Deuteranomaly
202, 213, 131

Tritanomaly
212, 174, 163

Monochromacy



Original Color
188, 209, 131

Achromatopsia
181, 181, 181

Achromatomaly
184, 191, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 209, 131 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(209, 176, 131)` looks like.

```
.text, #text, p{  
    color:rgb(209, 176, 131)  
}
```

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(209, 176, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 176, 131) }
```

Border

The CSS property to change the border of an element to RYB 188, 209, 131 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(209, 176, 131) }
```

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

```
.border{ border-color:rgb(209, 176, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 176, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 176, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 176, 131);  
box-shadow:4px 4px 4px 4px rgb(209, 176,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 188, 209, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 176, 131) }
```

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

```
.background{ background-color: rgb(209,  
176, 131) }
```

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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