

Converting Colors

`RYB(131, 215, 148)`

Have a look what the booklet for
RYB(131, 215, 148) contains.

RYB(131, 215, 148)	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(131, 215, 148)

Conversions

Conversions Part 1

Format	Color
Hex	C6D783
RGB	198, 215, 131
RGB Percent	78%, 84%, 51%
CMY	0.2235, 0.1569, 0.4863
CMYK	0.08, 0.00, 0.39, 0.16
HSL	72°, 51%, 68%
HSV	72°, 39%, 84%
XYZ	51.6859, 62.2453, 30.7631
YIQ	200.3410, 16.8320, -29.7280

Conversions

Conversions Part 2

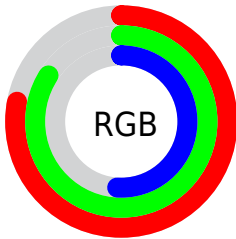
Format	Color
RYB	131, 215, 148
Decimal	13031299
CIELab	83.04, -18.80, 39.53
CIElCh	83, 43.771, 115.435
Yxy	62.2453, 0.3572, 0.4302
Android (android.graphics.Color)	4291221379 (0xFFC6D783)
YUV	200.3410, -34.1851, -2.0531
Hunter-Lab	78.8957, -21.1292, 32.1085

Details

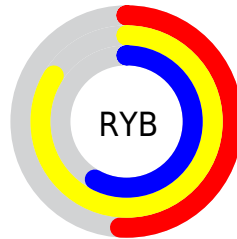
The RYB color **131, 215, 148** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **148, 131, 215**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **185, 255, 185**, and **80, 160, 97** is the 20% darker color. If you saturate the color by 10%, you get **110, 215, 131**, and if you desaturate by 10%, it is **153, 215, 166**.

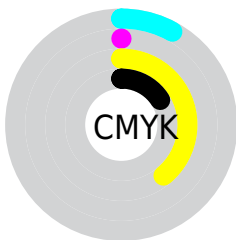
Distribution



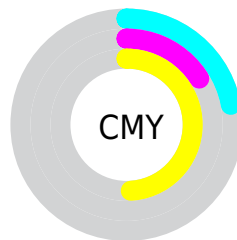
- Red (78%)
- Green (84%)
- Blue (51%)



- Red (51%)
- Yellow (84%)
- Blue (58%)



- Cyan (8%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 215, 148 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 131, 215, 148 by changing the saturation by 10% instead.

 131, 215, 148

255, 255, 255


 185, 255, 185

 213, 255, 213


 242, 255, 242

 131, 215, 148

 105, 187, 122

 80, 160, 97


 55, 134, 73

 31, 109, 49

 2, 84, 21

 0, 61, 19


 0, 39, 22

 0, 19, 19

 0, 0, 0

 131, 215, 148

 131, 215, 148

 110, 215, 131

 153, 215, 166

 88, 215, 114

 174, 215, 182

 66, 215, 96

 195, 215, 199

 45, 215, 79

 215, 215, 217

 23, 215, 62

 220, 215, 238

 2, 215, 45

 224, 215, 255

 0, 215, 44

 228, 215, 255

 233, 215, 255

 237, 215, 255

Harmonies

Analogous

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



181, 240, 124



131, 215, 148



150, 216, 224

Triad

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



131, 215, 148



60, 149, 255



255, 175, 215

Complementary

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



131, 215, 148



148, 131, 215

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.



253, 184, 254



131, 215, 148



136, 183, 255

Square

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



131, 215, 148



31, 133, 241



202, 198, 255



255, 177, 174

Rectangle

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



131, 215, 148



114, 183, 227



202, 198, 255



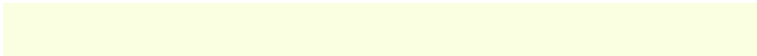
255, 177, 229

Sweetspot

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



131, 215, 148



224, 255, 230



215, 152, 131



110, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



131, 215, 148



135, 255, 159



131, 215, 190



96, 107, 98



0, 171, 35



0, 43, 8

Inverse Universe

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



148, 131, 215



159, 135, 255



190, 131, 215



99, 96, 107



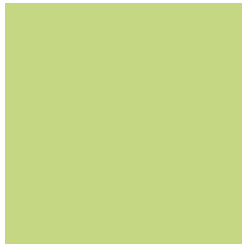
35, 0, 171



9, 0, 43

Previews

White Background



This preview shows how the RYB color 131, 215, 148 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 131, 215, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

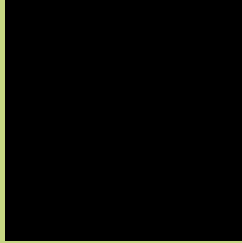
Any Text WCAG AA ✓ Pass

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 131, 215, 148 Background



This preview shows how black text looks on a background with the RYB color 131, 215, 148.



This preview shows how white text looks on a background with the RYB color 131, 215, 148.

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
131, 215, 148

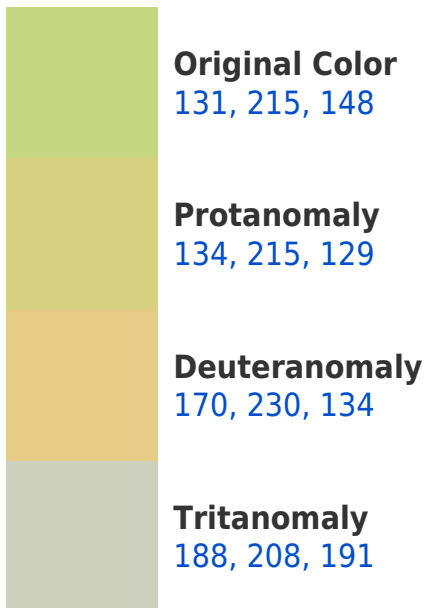
Protanopia
150, 225, 128

Deuteranopia
228, 248, 135



Tritanopia
209, 204, 220

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 215, 148 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(198, 215, 131)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 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(198, 215, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 131) }
```

Border

The CSS property to change the border of an element to RYB 131, 215, 148 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(198, 215, 131) }
```

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

```
.border{ border-color:rgb(198, 215, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 215, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 215, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 215, 131); box-shadow:4px 4px 4px 4px rgb(198, 215, 131) }
```

Background

The CSS property to change the background color of an element to RYB 131, 215, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 131) }
```

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

```
.background{ background-color: rgb(198,  
215, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor