

Converting Colors

`RYB(191, 206, 128)`

Have a look what the booklet for
RYB(191, 206, 128) contains.

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Color

R_YB(191, 206, 128)

Conversions

Conversions Part 1

Format	Color
Hex	CEAB80
RGB	206, 171, 128
RGB Percent	81%, 67%, 50%
CMY	0.1922, 0.3288, 0.4980
CMYK	0.00, 0.17, 0.38, 0.19
HSL	33°, 44%, 65%
HSV	33°, 38%, 81%
XYZ	43.9409, 43.8624, 26.5724
YIQ	176.5630, 34.6630, -5.9530

Conversions

Conversions Part 2

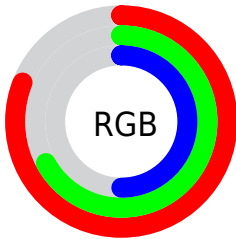
Format	Color
RYB	191, 206, 128
Decimal	13544320
CIELab	72.14, 6.72, 26.98
CIELCh	72, 27.800, 76.016
Yxy	43.8624, 0.3842, 0.3835
Android (android.graphics.Color)	4291734400 (0xFFCEAB80)
YUV	176.5630, -23.9416, 25.8162
Hunter-Lab	66.2287, 2.5296, 22.5716

Details

The RYB color **191, 206, 128** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **128, 152, 206**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **229, 255, 181**, and **132, 150, 78** is the 20% darker color. If you saturate the color by 10%, you get **186, 206, 107**, and if you desaturate by 10%, it is **197, 206, 149**.

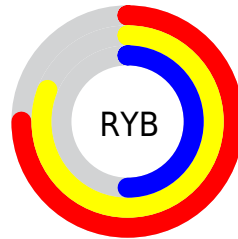
Distribution



Red (81%)

Green (67%)

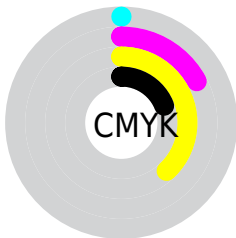
Blue (50%)



Red (75%)

Yellow (81%)

Blue (50%)

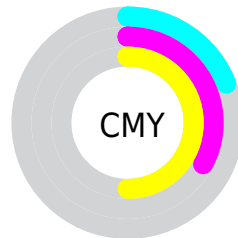


Cyan (0%)

Magenta (17%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 206, 128 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 191, 206, 128 by changing the saturation by 10% instead.

 191, 206, 128


255, 255, 255


 229, 255, 181


 209, 255, 209

 237, 255, 237

 191, 206, 128

 162, 178, 103

 132, 150, 78

 106, 123, 55

 77, 97, 33

 49, 72, 10

 34, 48, 0

 24, 2, 0

 0, 0, 0

 191, 206, 128

 191, 206, 128

 186, 206, 107

 197, 206, 149

 183, 206, 87

 197, 206, 169

 177, 206, 66

 202, 206, 190

 177, 206, 46

 206, 207, 210

 172, 206, 25

 206, 214, 231

 166, 206, 4

 206, 220, 252

 166, 206, 0

 206, 225, 255

 206, 228, 255

 206, 230, 255

Harmonies

Analogous

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



223, 171, 141



191, 206, 128



129, 181, 128

Triad

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



191, 206, 128



103, 147, 191



197, 166, 212

Complementary

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



191, 206, 128



128, 152, 206

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.



164, 173, 225



191, 206, 128



103, 151, 213

Square

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



191, 206, 128



124, 165, 190



128, 163, 226



220, 159, 190

Rectangle

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



191, 206, 128



135, 184, 157



128, 163, 226



187, 169, 218

Sweetspot

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



191, 206, 128



251, 255, 227



206, 128, 163



126, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



191, 206, 128



232, 255, 140



128, 206, 132



102, 102, 92



134, 166, 0



31, 38, 0

Inverse Universe

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



128, 152, 206



140, 176, 255



132, 128, 206



92, 95, 102



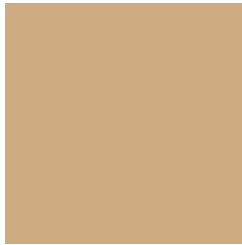
0, 51, 166



0, 12, 38

Previews

White Background



This preview shows how the RYB color 191, 206, 128 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 191, 206, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

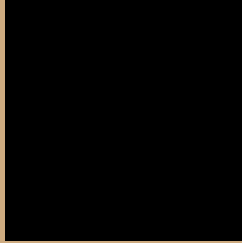
Any Text WCAG AA ✓ Pass

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 191, 206, 128 Background



This preview shows how black text looks on a background with the RYB color 191, 206, 128.

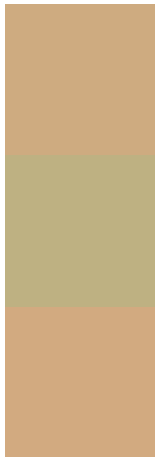


This preview shows how white text looks on a background with the RYB color 191, 206, 128.

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
191, 206, 128

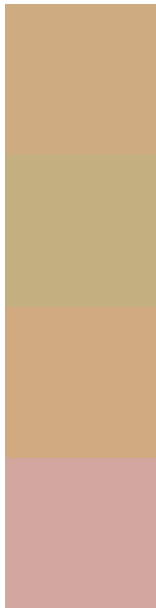
Protanopia
147, 190, 130

Deuteranopia
206, 210, 128



Tritanopia
211, 165, 177

Trichromacy



Original Color
191, 206, 128

Protanomaly
160, 196, 129

Deuteranomaly
203, 209, 128

Tritanomaly
209, 169, 159

Monochromacy



Original Color
191, 206, 128

Achromatopsia
177, 177, 177

Achromatomaly
183, 188, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 206, 128 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(206, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(206, 171, 128)  
}
```

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(206, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 171, 128) }
```

Border

The CSS property to change the border of an element to RYB 191, 206, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

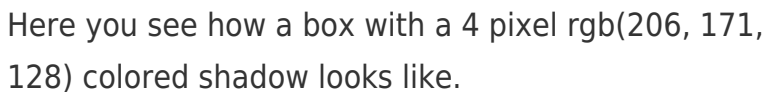
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 171, 128) }
```

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

```
.border{ border-color:rgb(206, 171, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 171, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 171, 128); box-shadow:4px 4px 4px 4px rgb(206, 171, 128) }
```

Background

The CSS property to change the background color of an element to RYB 191, 206, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 171, 128) }
```

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

```
.background{ background-color: rgb(206,  
171, 128) }
```

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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