

Converting Colors

`RYB(197, 212, 130)`

Have a look what the booklet for
RYB(197, 212, 130) contains.

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Color

R_YB(197, 212, 130)

Conversions

Conversions Part 1

Format	Color
Hex	D4AF82
RGB	212, 175, 130
RGB Percent	83%, 69%, 51%
CMY	0.1686, 0.3132, 0.4902
CMYK	0.00, 0.17, 0.39, 0.17
HSL	33°, 49%, 67%
HSV	33°, 39%, 83%
XYZ	46.5354, 46.3184, 27.6067
YIQ	180.9330, 36.4970, -6.1510

Conversions

Conversions Part 2

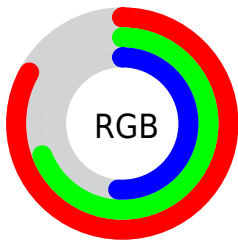
Format	Color
RYB	197, 212, 130
Decimal	13938562
CIELab	73.75, 7.22, 28.16
CIELCh	74, 29.070, 75.619
Yxy	46.3184, 0.3863, 0.3845
Android (android.graphics.Color)	4292128642 (0xFFD4AF82)
YUV	180.9330, -25.1100, 27.2458
Hunter-Lab	68.0576, 2.9514, 23.5900

Details

The RYB color **197, 212, 130** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **130, 155, 212**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **221, 255, 183**, and **138, 156, 80** is the 20% darker color. If you saturate the color by 10%, you get **192, 212, 109**, and if you desaturate by 10%, it is **199, 212, 151**.

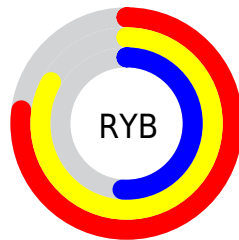
Distribution



Red (83%)

Green (69%)

Blue (51%)



Red (77%)

Yellow (83%)

Blue (51%)

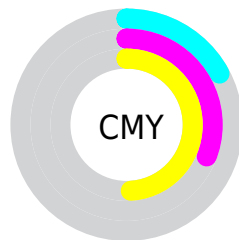


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (17%)



Cyan (17%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 212, 130 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 197, 212, 130 by changing the saturation by 10% instead.

 197, 212, 130

255, 255, 255

 219, 255, 183


 211, 255, 211

 240, 255, 240


 197, 212, 130


 168, 184, 105

 138, 156, 80

 111, 129, 57

 82, 102, 34

 53, 77, 12

 41, 53, 0

 29, 9, 0


 0, 0, 0

 197, 212, 130


 197, 212, 130

 192, 212, 109


 199, 212, 151

 190, 212, 88


 205, 212, 172

 183, 212, 66

 208, 212, 194

 181, 212, 45

 212, 213, 215

 179, 212, 24

 212, 220, 236

 174, 212, 3

 212, 226, 255

 172, 212, 0

 212, 230, 255

 212, 232, 255

 212, 234, 255

Harmonies

Analogous

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



230, 175, 144



197, 212, 130



132, 186, 130

Triad

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



197, 212, 130



103, 150, 196



202, 170, 219

Complementary

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



197, 212, 130



130, 155, 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.



167, 177, 232



197, 212, 130



103, 154, 218

Square

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



197, 212, 130



126, 169, 195



129, 167, 232



226, 163, 195

Rectangle

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



197, 212, 130



137, 189, 160



129, 167, 232



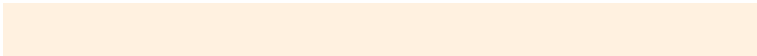
192, 173, 225

Sweetspot

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



197, 212, 130



250, 255, 224



212, 130, 167



128, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



197, 212, 130



235, 255, 138



130, 212, 134



105, 107, 96



140, 171, 0



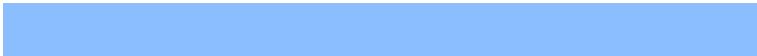
34, 43, 0

Inverse Universe

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



130, 155, 212



138, 174, 255



134, 130, 212



96, 99, 107



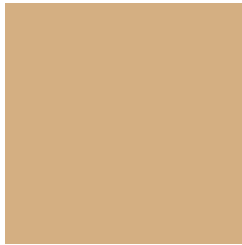
0, 53, 171



0, 13, 43

Previews

White Background



This preview shows how the RYB color 197, 212, 130 looks on a white background.

Color Contrast Check

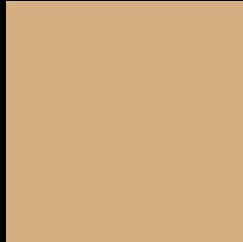
Large Text (above 18pt) WCAG AA × Fail

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 197, 212, 130 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 197, 212, 130 Background



This preview shows how black text looks on a background with the RYB color 197, 212, 130.



This preview shows how white text looks on a background with the RYB color 197, 212, 130.

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
197, 212, 130

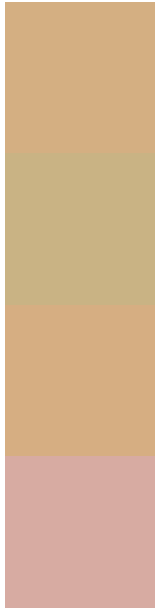
Protanopia
151, 195, 133

Deuteranopia
209, 215, 130



Tritanopia
217, 168, 181

Trichromacy



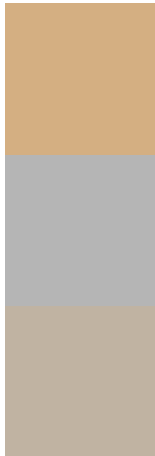
Original Color
197, 212, 130

Protanomaly
164, 201, 132

Deuteranomaly
206, 214, 130

Tritanomaly
215, 173, 162

Monochromacy



Original Color
197, 212, 130

Achromatopsia
181, 181, 181

Achromatomaly
185, 192, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 212, 130 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, 175, 130)` looks like.

```
.text, #text, p{  
    color:rgb(212, 175, 130)  
}
```

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, 175, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 175, 130) }
```

Border

The CSS property to change the border of an element to RYB 197, 212, 130 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, 175, 130) }
```

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

```
.border{ border-color:rgb(212, 175, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 175, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 175, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 175, 130);  
box-shadow:4px 4px 4px 4px rgb(212, 175,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 197, 212, 130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 175, 130) }
```

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

```
.background{ background-color: rgb(212,  
175, 130) }
```

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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