

Converting Colors

`RYB(148, 202, 123)`

Have a look what the booklet for
RYB(148, 202, 123) contains.

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Color

R_YB(148, 202, 123)

Conversions

Conversions Part 1

Format	Color
Hex	CAB77B
RGB	202, 183, 123
RGB Percent	79%, 72%, 48%
CMY	0.2078, 0.2823, 0.5176
CMYK	0.00, 0.09, 0.39, 0.21
HSL	46°, 43%, 64%
HSV	46°, 39%, 79%
XYZ	44.8677, 47.8576, 25.6115
YIQ	181.8410, 30.5840, -14.6320

Conversions

Conversions Part 2

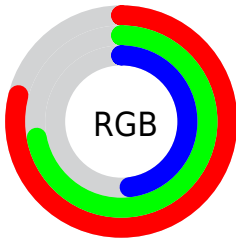
Format	Color
RYB	148, 202, 123
Decimal	13285243
CIELab	74.73, -1.78, 32.98
CIELCh	75, 33.029, 93.095
Yxy	47.8576, 0.3792, 0.4044
Android (android.graphics.Color)	4291475323 (0xFFCAB77B)
YUV	181.8410, -29.0086, 17.6794
Hunter-Lab	69.1792, -5.2932, 26.4750

Details

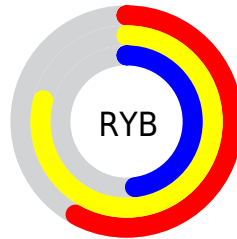
The RYB color **148, 202, 123** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **123, 138, 202**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **196, 255, 176**, and **95, 147, 73** is the 20% darker color. If you saturate the color by 10%, you get **135, 202, 103**, and if you desaturate by 10%, it is **161, 202, 143**.

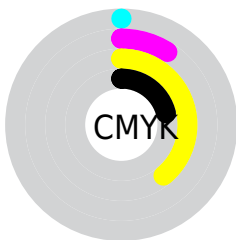
Distribution



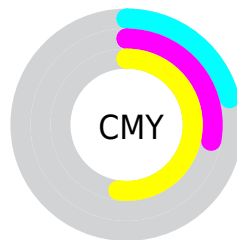
- Red (79%)
- Green (72%)
- Blue (48%)



- Red (58%)
- Yellow (79%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 202, 123 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 148, 202, 123 by changing the saturation by 10% instead.

 148, 202, 123

255, 255, 255

 196, 255, 176

 204, 255, 204

 232, 255, 232


 148, 202, 123


 122, 174, 98

 95, 147, 73

 68, 120, 49

 42, 94, 26

 15, 69, 2

 10, 45, 0

 2, 19, 0

 0, 0, 0

 148, 202, 123

 148, 202, 123

■ 135, 202, 103

■ 161, 202, 143

■ 121, 202, 83

■ 175, 202, 163

■ 107, 202, 62

■ 189, 202, 184

■ 92, 202, 42

■ 202, 202, 204

■ 78, 202, 22

■ 202, 206, 224

■ 65, 202, 2

■ 202, 210, 244

■ 65, 202, 0

■ 202, 214, 255

■ 202, 217, 255

■ 202, 219, 255

Harmonies

Analogous

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



228, 205, 131



148, 202, 123



132, 192, 155

Triad

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



148, 202, 123



83, 145, 216



225, 165, 212

Complementary

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



148, 202, 123



123, 138, 202

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.



192, 175, 235



148, 202, 123



104, 158, 237

Square

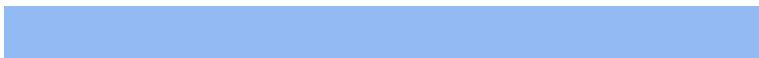
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



148, 202, 123



100, 155, 201



148, 175, 244



243, 161, 182

Rectangle

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



148, 202, 123



146, 195, 196



148, 175, 244



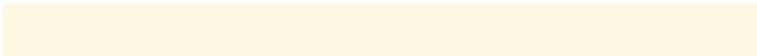
216, 168, 221

Sweetspot

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



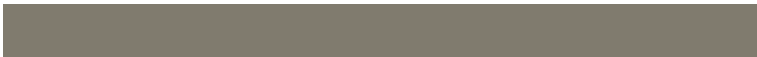
148, 202, 123



233, 255, 224



202, 123, 143



117, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



148, 202, 123



173, 255, 135



123, 202, 143



95, 102, 92



53, 166, 0



12, 38, 0

Inverse Universe

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



123, 138, 202



135, 158, 255



143, 123, 202



92, 94, 102



0, 32, 166



0, 7, 38

Previews

White Background



This preview shows how the RYB color 148, 202, 123 looks on a white background.

Color Contrast Check

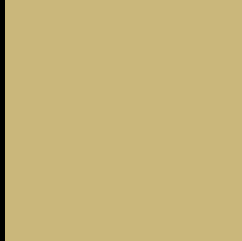
Large Text (above 18pt) WCAG AA × Fail

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 148, 202, 123 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 148, 202, 123 Background



This preview shows how black text looks on a background with the RYB color 148, 202, 123.



This preview shows how white text looks on a background with the RYB color 148, 202, 123.

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

148, 202, 123

Protanopia

142, 199, 123

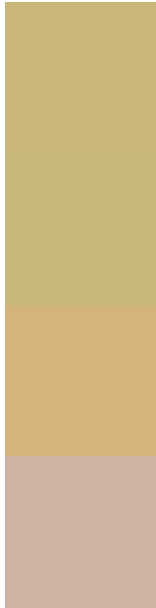
Deuteranopia

205, 220, 124



Tritanopia
209, 175, 188

Trichromacy



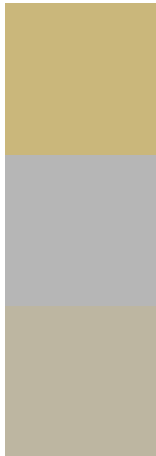
Original Color
148, 202, 123

Protanomaly
143, 200, 123

Deuteranomaly
179, 213, 124

Tritanomaly
206, 185, 164

Monochromacy



Original Color
148, 202, 123

Achromatopsia
182, 182, 182

Achromatomaly
170, 189, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 202, 123 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(202, 183, 123) looks like.

```
.text, #text, p{  
    color:rgb(202, 183, 123)  
}
```

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(202, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 183, 123) }
```

Border

The CSS property to change the border of an element to RYB 148, 202, 123 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(202, 183, 123) }
```

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

```
.border{ border-color:rgb(202, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(202, 183,  
123) }
```

Background

The CSS property to change the background color of an element to RYB 148, 202, 123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 183, 123) }
```

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

```
.background{ background-color: rgb(202,  
183, 123) }
```

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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