

Converting Colors

`RYB(148, 204, 122)`

Have a look what the booklet for
RYB(148, 204, 122) contains.

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Color

R_YB(148, 204, 122)

Conversions

Conversions Part 1

Format	Color
Hex	CCB87A
RGB	204, 184, 122
RGB Percent	80%, 72%, 48%
CMY	0.2000, 0.2774, 0.5216
CMYK	0.00, 0.10, 0.40, 0.20
HSL	46°, 45%, 64%
HSV	46°, 40%, 80%
XYZ	45.6091, 48.6313, 25.3953
YIQ	182.9120, 31.8220, -15.0420

Conversions

Conversions Part 2

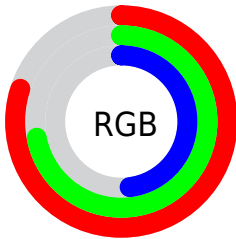
Format	Color
RYB	148, 204, 122
Decimal	13416570
CIELab	75.22, -1.75, 34.17
CIELCh	75, 34.213, 92.928
Yxy	48.6313, 0.3812, 0.4065
Android (android.graphics.Color)	4291606650 (0xFFCCB87A)
YUV	182.9120, -30.0296, 18.4942
Hunter-Lab	69.7361, -5.2950, 27.2241

Details

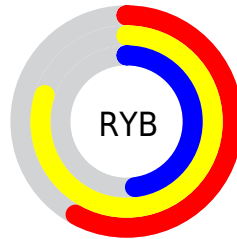
The RYB color **148, 204, 122** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **122, 138, 204**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **193, 255, 175**, and **94, 148, 72** is the 20% darker color. If you saturate the color by 10%, you get **135, 204, 102**, and if you desaturate by 10%, it is **162, 204, 142**.

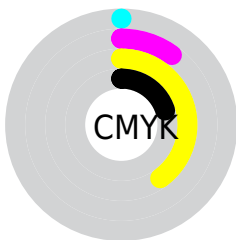
Distribution



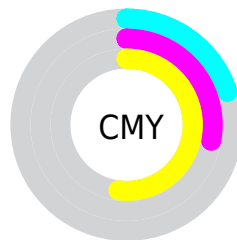
- Red (80%)
- Green (72%)
- Blue (48%)



- Red (58%)
- Yellow (80%)
- Blue (48%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 204, 122 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, 204, 122 by changing the saturation by 10% instead.

 148, 204, 122

255, 255, 255


 193, 255, 175

 203, 255, 203

 231, 255, 231

 148, 204, 122

 122, 176, 97

 94, 148, 72

 68, 122, 48

 42, 96, 25

 13, 70, 0

 10, 46, 0

 4, 21, 0


 0, 0, 0

 148, 204, 122

 148, 204, 122

 135, 204, 102

 162, 204, 142

 121, 204, 81

 176, 204, 163

 106, 204, 61

 190, 204, 183

 91, 204, 40

 204, 204, 204

 78, 204, 20

 204, 208, 224

 64, 204, 0

 204, 212, 244

 204, 216, 255

 204, 218, 255

 204, 220, 255

Harmonies

Analogous

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



231, 205, 130



148, 204, 122



131, 194, 155

Triad

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



148, 204, 122



78, 143, 218



228, 166, 214

Complementary

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



148, 204, 122



122, 138, 204

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.



194, 176, 238



148, 204, 122



101, 158, 241

Square

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



148, 204, 122



97, 154, 203



148, 176, 248



246, 161, 183

Rectangle

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



148, 204, 122



146, 198, 198



148, 176, 248



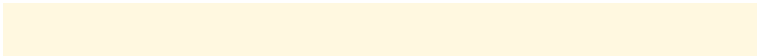
218, 169, 224

Sweetspot

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



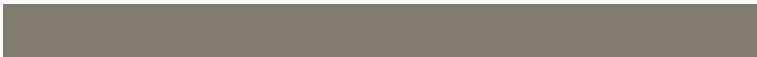
148, 204, 122



233, 255, 224



204, 122, 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, 204, 122



171, 255, 133



122, 204, 142



95, 102, 92



53, 166, 0



12, 38, 0

Inverse Universe

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



122, 138, 204



133, 156, 255



143, 122, 204



92, 94, 102



0, 32, 166



0, 7, 38

Previews

White Background



This preview shows how the RYB color 148, 204, 122 looks on a white background.

Color Contrast Check

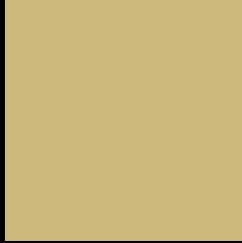
Large Text (above 18pt) WCAG AA × Fail

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, 204, 122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

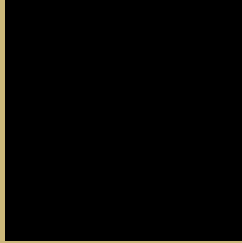
Any Text WCAG AA ✓ Pass

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, 204, 122 Background



This preview shows how black text looks on a background with the RYB color 148, 204, 122.

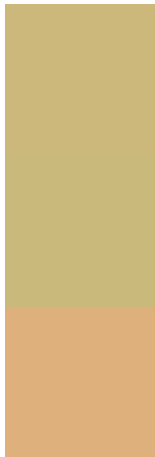


This preview shows how white text looks on a background with the RYB color 148, 204, 122.

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, 204, 122

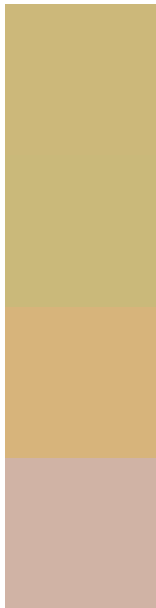
Protanopia
142, 201, 122

Deuteranopia
207, 222, 124



Tritanopia
211, 176, 190

Trichromacy



Original Color
148, 204, 122

Protanomaly
144, 202, 122

Deuteranomaly
179, 215, 123

Tritanomaly
208, 186, 165

Monochromacy



Original Color
148, 204, 122

Achromatopsia
183, 183, 183

Achromatomaly
172, 191, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 204, 122 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(204, 184, 122) looks like.

```
.text, #text, p{  
    color:rgb(204, 184, 122)  
}
```

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(204, 184, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 184, 122) }
```

Border

The CSS property to change the border of an element to RYB 148, 204, 122 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(204, 184, 122) }
```

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

```
.border{ border-color:rgb(204, 184, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 184, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 184, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 184, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 184,  
122) }
```

Background

The CSS property to change the background color of an element to RYB 148, 204, 122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 184, 122) }
```

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

```
.background{ background-color: rgb(204,  
184, 122) }
```

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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