

Converting Colors

`RYB(148, 195, 132)`

Have a look what the booklet for
RYB(148, 195, 132) contains.

RYB(148, 195, 132)	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(148, 195, 132)

Conversions

Conversions Part 1

Format	Color
Hex	C3B684
RGB	195, 182, 132
RGB Percent	76%, 71%, 52%
CMY	0.2353, 0.2853, 0.4824
CMYK	0.00, 0.07, 0.32, 0.24
HSL	48°, 34%, 64%
HSV	48°, 32%, 76%
XYZ	43.4478, 46.8225, 28.5775
YIQ	180.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

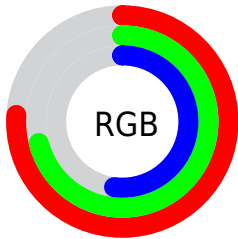
Format	Color
RYB	148, 195, 132
Decimal	12826244
CIELab	74.08, -3.09, 27.25
CIELCh	74, 27.427, 96.478
Yxy	46.8225, 0.3656, 0.3940
Android (android.graphics.Color)	4291016324 (0xFFC3B684)
YUV	180.1870, -23.7562, 12.9910
Hunter-Lab	68.4270, -6.4085, 23.1373

Details

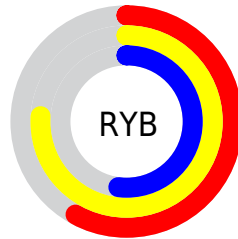
The RYB color **148, 195, 132** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **132, 143, 195**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **203, 252, 185**, and **96, 140, 82** is the 20% darker color. If you saturate the color by 10%, you get **134, 195, 113**, and if you desaturate by 10%, it is **163, 195, 152**.

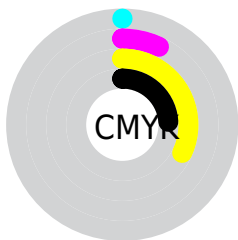
Distribution



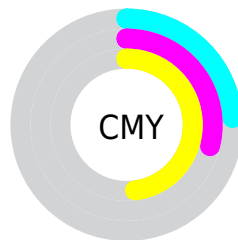
- Red (76%)
- Green (71%)
- Blue (52%)



- Red (58%)
- Yellow (76%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 195, 132 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, 195, 132 by changing the saturation by 10% instead.

 148, 195, 132


255, 255, 255

 203, 252, 185

 213, 255, 213

 242, 255, 242

 148, 195, 132

 122, 167, 107


 96, 140, 82

 70, 114, 58

 47, 89, 36

 20, 64, 13


 7, 42, 0

 0, 16, 2

 0, 0, 0

 148, 195, 132


 148, 195, 132

 134, 195, 113


 163, 195, 152

 119, 195, 93

 177, 195, 171

 106, 195, 74


 192, 195, 191

 91, 195, 54


 195, 198, 210

 77, 195, 35

 195, 201, 230

 60, 195, 15

 195, 204, 249

 49, 195, 0

 195, 207, 255

 195, 209, 255

 195, 212, 255

Harmonies

Analogous

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



218, 205, 137



148, 195, 132



141, 190, 164

Triad

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



148, 195, 132



107, 155, 211



219, 166, 203

Complementary

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



148, 195, 132



132, 143, 195

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.



193, 174, 223



148, 195, 132



125, 165, 228

Square

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



148, 195, 132



115, 158, 196



159, 177, 232



232, 164, 177

Rectangle

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



148, 195, 132



148, 188, 193



159, 177, 232



212, 169, 210

Sweetspot

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



148, 195, 132



233, 252, 227



195, 132, 146



117, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



148, 195, 132



178, 252, 154



132, 195, 150



90, 97, 87



42, 161, 0



9, 33, 0

Inverse Universe

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



132, 143, 195



154, 171, 252



150, 132, 195



87, 89, 97



0, 27, 161



0, 6, 33

Previews

White Background



This preview shows how the RYB color 148, 195, 132 looks on a white background.

Color Contrast Check

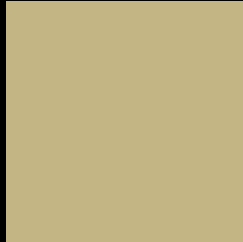
Large Text (above 18pt) WCAG AA × Fail

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, 195, 132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

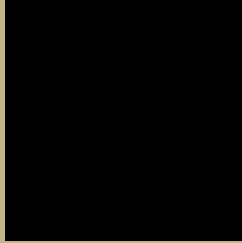
Any Text WCAG AA ✓ Pass

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, 195, 132 Background



This preview shows how black text looks on a background with the RYB color 148, 195, 132.



This preview shows how white text looks on a background with the RYB color 148, 195, 132.

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](#), [195](#), [132](#)

Protanopia
[150](#), [196](#), [132](#)

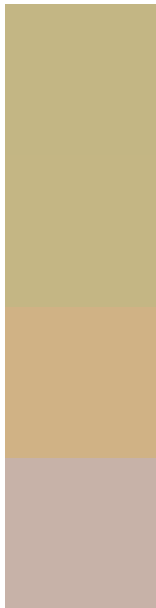
Deuteranopia
[213](#), [215](#), [134](#)



Tritanopia

202, 175, 189

Trichromacy



Original Color
148, 195, 132

Protanomaly
150, 196, 132

Deuteranomaly
183, 208, 133

Tritanomaly
199, 183, 168

Monochromacy



Original Color
148, 195, 132

Achromatopsia
180, 180, 180

Achromatomaly
168, 185, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 195, 132 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(195, 182, 132)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 132)  
}
```

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(195, 182, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 132) }
```

Border

The CSS property to change the border of an element to RYB 148, 195, 132 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(195, 182, 132) }
```

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

```
.border{ border-color:rgb(195, 182, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 132);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 148, 195, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 132) }
```

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

```
.background{ background-color: rgb(195,  
182, 132) }
```

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