

Converting Colors

`RYB(148, 196, 148)`

Have a look what the booklet for
RYB(148, 196, 148) contains.

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Color

R_YB(148, 196, 148)

Conversions

Conversions Part 1

Format	Color
Hex	C4C494
RGB	196, 196, 148
RGB Percent	77%, 77%, 58%
CMY	0.2314, 0.2314, 0.4196
CMYK	0.00, 0.00, 0.24, 0.23
HSL	60°, 29%, 67%
HSV	60°, 24%, 77%
XYZ	47.8502, 53.3537, 35.7933
YIQ	190.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

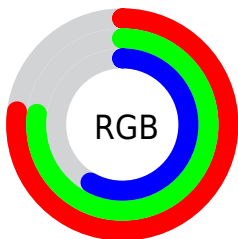
Format	Color
RYB	148, 196, 148
Decimal	12895380
CIELab	78.08, -7.77, 24.18
CIELCh	78, 25.401, 107.823
Yxy	53.3537, 0.3493, 0.3895
Android (android.graphics.Color)	4291085460 (0xFFC4C494)
YUV	190.5280, -20.9663, 4.7989
Hunter-Lab	73.0436, -10.8928, 22.0769

Details

The RYB color **148, 196, 148** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **148, 148, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **202, 253, 202**, and **97, 142, 97** is the 20% darker color. If you saturate the color by 10%, you get **128, 196, 128**, and if you desaturate by 10%, it is **168, 196, 168**.

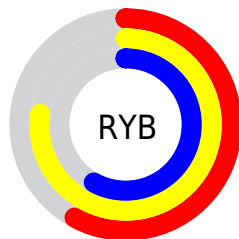
Distribution



Red (77%)

Green (77%)

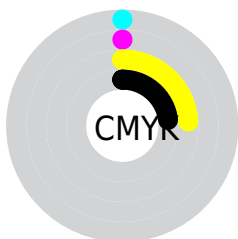
Blue (58%)



Red (58%)

Yellow (77%)

Blue (58%)

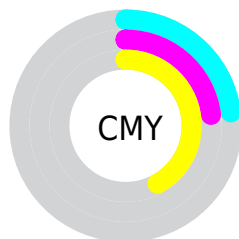


Cyan (0%)

Magenta (0%)

Yellow (24%)

Black (23%)



Cyan (23%)

Magenta (23%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RYB color 148, 196, 148 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, 196, 148 by changing the saturation by 10% instead.


 148, 196, 148

 148, 196, 148


255, 255, 255

 122, 169, 123

 202, 253, 202

 97, 142, 97

 231, 255, 231

 73, 117, 74


 50, 92, 51


 28, 69, 30

 4, 47, 7

 0, 26, 5


 0, 0, 0

 148, 196, 148

 148, 196, 148

 128, 196, 128


 168, 196, 168

 109, 196, 109


 187, 196, 187

 89, 196, 89


 196, 196, 207

 70, 196, 70


 196, 196, 226


 50, 196, 50

 196, 196, 246

 30, 196, 30

 196, 196, 255

 11, 196, 11

 0, 196, 0

Harmonies

Analogous

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



204, 220, 147



148, 196, 148



161, 202, 194

Triad

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



148, 196, 148



130, 172, 227



234, 177, 204

Complementary

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



148, 196, 148



148, 148, 196

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.



214, 182, 225



148, 196, 148



152, 182, 239

Square

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



148, 196, 148



127, 167, 207



184, 189, 238



242, 177, 180

Rectangle

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



148, 196, 148



152, 189, 205



184, 189, 238



229, 178, 211

Sweetspot

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



148, 196, 148



237, 255, 237



196, 148, 148



117, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



148, 196, 148



181, 255, 181



148, 196, 172



87, 97, 87



0, 161, 0



0, 33, 0

Inverse Universe

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



148, 148, 196



181, 181, 255



172, 148, 196



87, 87, 97



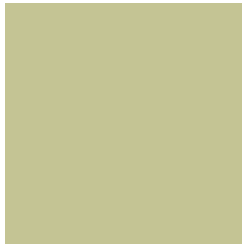
0, 0, 161



0, 0, 33

Previews

White Background



This preview shows how the RYB color 148, 196, 148 looks on a white background.

Color Contrast Check

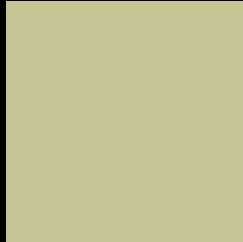
Large Text (above 18pt) WCAG AA × Fail

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, 196, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

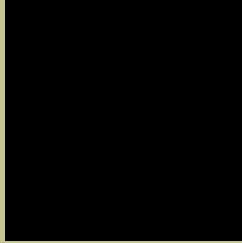
Any Text WCAG AA ✓ Pass

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, 196, 148 Background



This preview shows how black text looks on a background with the RYB color 148, 196, 148.



This preview shows how white text looks on a background with the RYB color 148, 196, 148.

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, 196, 148

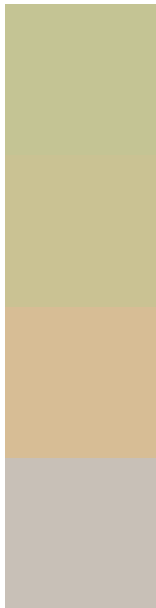
Protanopia
164, 206, 147

Deuteranopia
226, 215, 150



Tritanopia
203, 189, 203

Trichromacy



Original Color

148, 196, 148

Protanomaly

156, 202, 147

Deuteranomaly

192, 215, 149

Tritanomaly

198, 200, 183

Monochromacy



Original Color

148, 196, 148

Achromatopsia

191, 191, 191

Achromatomaly

175, 193, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 196, 148 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(196, 196, 148)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 148)  
}
```

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(196, 196, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 148) }
```

Border

The CSS property to change the border of an element to RYB 148, 196, 148 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(196, 196, 148) }
```

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

```
.border{ border-color:rgb(196, 196, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 196, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 196, 148); box-shadow:4px 4px 4px 4px rgb(196, 196, 148) }
```

Background

The CSS property to change the background color of an element to RYB 148, 196, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 148) }
```

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

```
.background{ background-color: rgb(196,  
196, 148) }
```

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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