

Converting Colors

`RYB(154, 208, 142)`

Have a look what the booklet for
RYB(154, 208, 142) contains.

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Color

R_YB(154, 208, 142)

Conversions

Conversions Part 1

Format	Color
Hex	D0C68E
RGB	208, 198, 142
RGB Percent	82%, 78%, 56%
CMY	0.1843, 0.2241, 0.4431
CMYK	0.00, 0.05, 0.32, 0.18
HSL	51°, 41%, 69%
HSV	51°, 32%, 82%
XYZ	51.0538, 55.6808, 33.6478
YIQ	194.6060, 23.9360, -15.2960

Conversions

Conversions Part 2

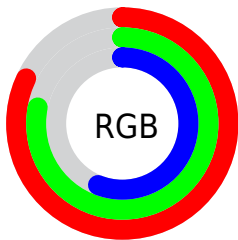
Format	Color
RYB	154, 208, 142
Decimal	13682318
CIELab	79.43, -4.90, 29.32
CIELCh	79, 29.728, 99.488
Yxy	55.6808, 0.3637, 0.3966
Android (android.graphics.Color)	4291872398 (0xFFD0C68E)
YUV	194.6060, -25.9348, 11.7465
Hunter-Lab	74.6195, -8.4565, 25.4983

Details

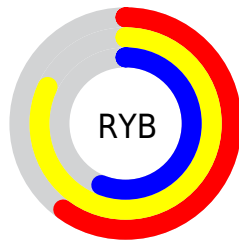
The RYB color **154, 208, 142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142, 151, 208**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **196, 255, 196**, and **102, 153, 91** is the 20% darker color. If you saturate the color by 10%, you get **136, 208, 121**, and if you desaturate by 10%, it is **171, 208, 163**.

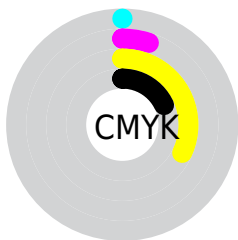
Distribution



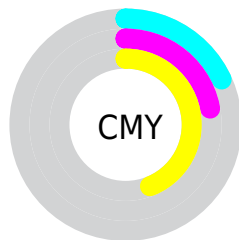
- Red (82%)
- Green (78%)
- Blue (56%)



- Red (60%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (5%)
- Yellow (32%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 154, 208, 142 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 154, 208, 142 by changing the saturation by 10% instead.

 154, 208, 142

255, 255, 255

 197, 255, 196

 224, 255, 224


253, 255, 253

 154, 208, 142

 126, 180, 116


 102, 153, 91

 75, 126, 67

 51, 100, 44

 27, 75, 21

 4, 52, 0

 1, 29, 0

 0, 0, 0

 154, 208, 142

 154, 208, 142

■ 136, 208, 121

■ 171, 208, 163

■ 120, 208, 100

■ 189, 208, 184

■ 104, 208, 80

■ 205, 208, 204

■ 86, 208, 59

■ 208, 211, 225

■ 69, 208, 38

■ 208, 213, 246

■ 51, 208, 17

■ 208, 216, 255

■ 38, 208, 0

■ 208, 218, 255

■ 208, 219, 255

■ 208, 222, 255

Harmonies

Analogous

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



234, 230, 146



154, 208, 142



153, 206, 182

Triad

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



154, 208, 142



114, 167, 231



240, 179, 217

Complementary

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



154, 208, 142



142, 151, 208

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.



212, 187, 240



154, 208, 142



137, 179, 248

Square

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



154, 208, 142



120, 168, 212



175, 191, 251



252, 177, 189

Rectangle

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



154, 208, 142



156, 199, 209



175, 191, 251



232, 181, 225

Sweetspot

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



154, 208, 142



235, 255, 230



208, 142, 153



116, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



154, 208, 142



176, 255, 158



142, 208, 164



96, 105, 94



31, 168, 0



7, 41, 0

Inverse Universe

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



142, 151, 208



158, 171, 255



164, 142, 208



94, 96, 105



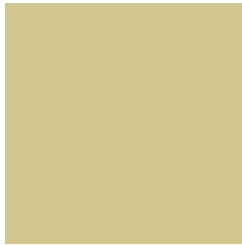
0, 23, 168



0, 5, 41

Previews

White Background



This preview shows how the RYB color 154, 208, 142 looks on a white background.

Color Contrast Check

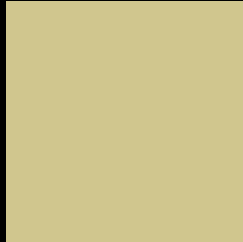
Large Text (above 18pt) WCAG AA × Fail

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 154, 208, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

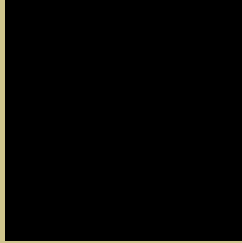
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

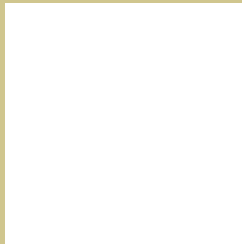
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 154, 208, 142 Background



This preview shows how black text looks on a background with the RYB color 154, 208, 142.




This preview shows how white text looks on a background with the RYB color 154, 208, 142.

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](#).

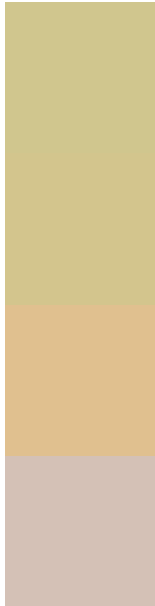
Dichromacy

	Original Color 154, 208, 142
	Protanopia 160, 212, 141
	Deuteranopia 231, 233, 144



Tritanopia
215, 190, 205

Trichromacy



Original Color

154, 208, 142

Protanomaly

159, 211, 141

Deuteranomaly

196, 224, 143

Tritanomaly

212, 199, 182

Monochromacy



Original Color

154, 208, 142

Achromatopsia

195, 195, 195

Achromatomaly

181, 200, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 154, 208, 142 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(208, 198, 142) looks like.

```
.text, #text, p{  
    color:rgb(208, 198, 142)  
}
```

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(208, 198, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 198, 142) }
```

Border

The CSS property to change the border of an element to RYB 154, 208, 142 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(208, 198, 142) }
```

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

```
.border{ border-color:rgb(208, 198, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 198, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 198, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 198, 142); box-shadow:4px 4px 4px 4px rgb(208, 198, 142) }
```

Background

The CSS property to change the background color of an element to RYB 154, 208, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 198, 142) }
```

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

```
.background{ background-color: rgb(208,  
198, 142) }
```

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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