

Converting Colors

`RYB(142, 200, 142)`

Have a look what the booklet for
RYB(142, 200, 142) contains.

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Color

`RYB(142, 200, 142)`

Conversions

Conversions Part 1

Format	Color
Hex	C8C88E
RGB	200, 200, 142
RGB Percent	78%, 78%, 56%
CMY	0.2157, 0.2157, 0.4431
CMYK	0.00, 0.00, 0.29, 0.22
HSL	60°, 35%, 67%
HSV	60°, 29%, 78%
XYZ	49.3562, 55.5409, 33.7103
YIQ	193.3880, 18.6180, -18.0380

Conversions

Conversions Part 2

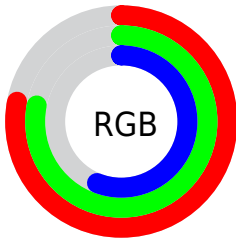
Format	Color
RYB	142, 200, 142
Decimal	13158542
CIELab	79.35, -9.11, 29.10
CIELCh	79, 30.493, 107.387
Yxy	55.5409, 0.3561, 0.4007
Android (android.graphics.Color)	4291348622 (0xFFC8C88E)
YUV	193.3880, -25.3343, 5.7987
Hunter-Lab	74.5258, -12.2049, 25.3493

Details

The RYB color **142, 200, 142** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **142, 142, 200**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **196, 255, 196**, and **91, 146, 92** is the 20% darker color. If you saturate the color by 10%, you get **122, 200, 122**, and if you desaturate by 10%, it is **162, 200, 162**.

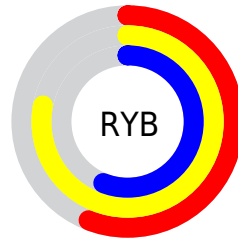
Distribution



Red (78%)

Green (78%)

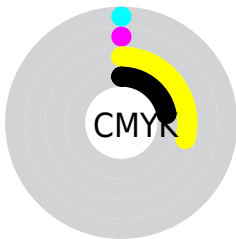
Blue (56%)



Red (56%)

Yellow (78%)

Blue (56%)

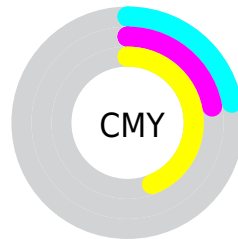


Cyan (0%)

Magenta (0%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 200, 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 142, 200, 142 by changing the saturation by 10% instead.

 142, 200, 142


255, 255, 255


 196, 255, 196

 224, 255, 224

253, 255, 253


 142, 200, 142

 116, 173, 117

 91, 146, 92

 67, 121, 69

 44, 96, 46

 21, 72, 24

 0, 50, 4

 0, 29, 6

 0, 0, 0

 142, 200, 142

 142, 200, 142

 122, 200, 122

 162, 200, 162

 102, 200, 102

 182, 200, 182

 82, 200, 82

 200, 200, 202

 62, 200, 62

 200, 200, 222

 42, 200, 42

 200, 200, 242

 22, 200, 22

 200, 200, 255

 2, 200, 2

 0, 200, 0

Harmonies

Analogous

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



207, 228, 142



142, 200, 142



157, 207, 196

Triad

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



142, 200, 142



114, 168, 237



245, 177, 210

Complementary

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



142, 200, 142



142, 142, 200

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.



221, 184, 235



142, 200, 142



144, 182, 251

Square

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



142, 200, 142



113, 163, 212



184, 193, 251



254, 176, 181

Rectangle

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



142, 200, 142



146, 191, 211



184, 193, 251



239, 179, 219

Sweetspot

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



142, 200, 142



232, 255, 232



200, 142, 142



113, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



142, 200, 142



166, 255, 166



142, 200, 171



90, 99, 90



0, 163, 0



0, 36, 0

Inverse Universe

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



142, 142, 200



166, 166, 255



171, 142, 200



90, 90, 99



0, 0, 163



0, 0, 36

Previews

White Background



This preview shows how the RYB color 142, 200, 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 142, 200, 142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

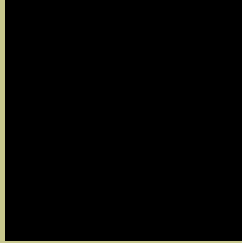
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

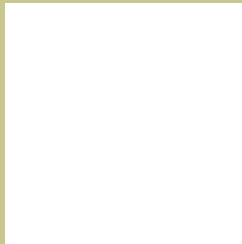
Any Text WCAG AAA ✓ Pass

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

RYB 142, 200, 142 Background



This preview shows how black text looks on a background with the RYB color 142, 200, 142.



This preview shows how white text looks on a background with the RYB color 142, 200, 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
142, 200, 142

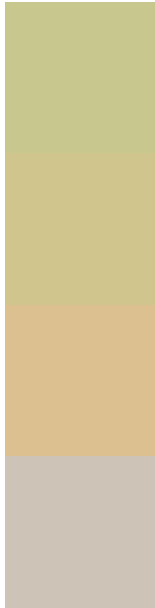
Protanopia
161, 212, 140

Deuteranopia
232, 232, 144



Tritanopia
208, 192, 207

Trichromacy



Original Color
142, 200, 142

Protanomaly
154, 208, 141

Deuteranomaly
187, 220, 143

Tritanomaly
201, 205, 183

Monochromacy



Original Color
142, 200, 142

Achromatopsia
193, 193, 193

Achromatomaly
174, 196, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 200, 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(200, 200, 142)` looks like.

```
.text, #text, p{  
    color:rgb(200, 200, 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(200, 200, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 200, 142) }
```

Border

The CSS property to change the border of an element to RYB 142, 200, 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(200, 200, 142) }
```

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

```
.border{ border-color:rgb(200, 200, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 200, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 200, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 200, 142);  
box-shadow:4px 4px 4px 4px rgb(200, 200,  
142) }
```

Background

The CSS property to change the background color of an element to RYB 142, 200, 142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 200, 142) }
```

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

```
.background{ background-color: rgb(200,  
200, 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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