

Converting Colors

`RYB(138, 194, 125)`

Have a look what the booklet for
RYB(138, 194, 125) contains.

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Color

R_YB(138, 194, 125)

Conversions

Conversions Part 1

Format	Color
Hex	C2B77D
RGB	194, 183, 125
RGB Percent	76%, 72%, 49%
CMY	0.2392, 0.2821, 0.5098
CMYK	0.00, 0.06, 0.36, 0.24
HSL	50°, 36%, 63%
HSV	50°, 36%, 76%
XYZ	42.8959, 46.8421, 26.1826
YIQ	179.6770, 25.1740, -15.7060

Conversions

Conversions Part 2

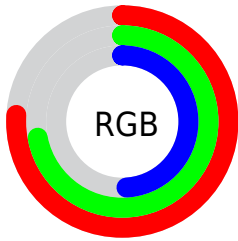
Format	Color
RYB	138, 194, 125
Decimal	12760957
CIELab	74.09, -4.79, 30.96
CIELCh	74, 31.324, 98.790
Yxy	46.8421, 0.3700, 0.4041
Android (android.graphics.Color)	4290951037 (0xFFC2B77D)
YUV	179.6770, -26.9558, 12.5613
Hunter-Lab	68.4413, -7.8967, 25.2272

Details

The RYB color **138, 194, 125** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **125, 134, 194**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **192, 251, 178**, and **85, 139, 75** is the 20% darker color. If you saturate the color by 10%, you get **123, 194, 106**, and if you desaturate by 10%, it is **154, 194, 144**.

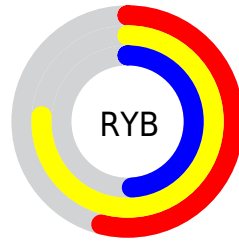
Distribution



Red (76%)

Green (72%)

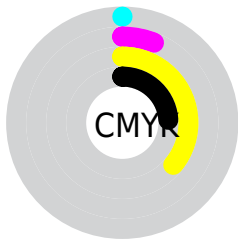
Blue (49%)



Red (54%)

Yellow (76%)

Blue (49%)

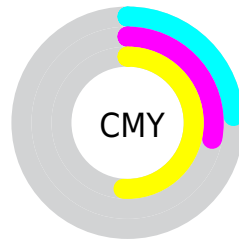


Cyan (0%)

Magenta (6%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 194, 125 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 138, 194, 125 by changing the saturation by 10% instead.


 138, 194, 125


255, 255, 255

 192, 251, 178


 206, 255, 206

 234, 255, 234


 138, 194, 125

 112, 166, 100

 85, 139, 75

 61, 113, 52

 37, 88, 29


 10, 63, 5

 3, 40, 0

 0, 17, 6

 0, 0, 0

 138, 194, 125

 138, 194, 125

■ 123, 194, 106

■ 154, 194, 144

■ 106, 194, 86

■ 170, 194, 164

■ 91, 194, 67

■ 185, 194, 183

■ 74, 194, 47

■ 194, 195, 203

■ 59, 194, 28

■ 194, 198, 222

■ 43, 194, 9

■ 194, 201, 241

■ 37, 194, 0

■ 194, 203, 255

■ 194, 205, 255

■ 194, 207, 255

Harmonies

Analogous

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



220, 214, 129



138, 194, 125



137, 191, 166

Triad

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



138, 194, 125



91, 148, 217



226, 163, 204

Complementary

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



138, 194, 125



125, 134, 194

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.



197, 172, 227



138, 194, 125



116, 162, 235

Square

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



138, 194, 125



99, 151, 198



157, 176, 239



239, 161, 175

Rectangle

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



138, 194, 125



140, 186, 195



157, 176, 239



218, 166, 212

Sweetspot

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



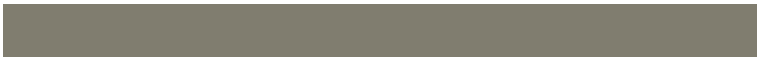
138, 194, 125



230, 252, 225



194, 125, 137



115, 128, 111



0, 0, 0



128, 128, 128

Same Dimension

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



138, 194, 125



164, 252, 144



125, 194, 148



90, 97, 87



31, 161, 0



6, 33, 0

Inverse Universe

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



125, 134, 194



144, 159, 252



148, 125, 194



87, 89, 97



0, 22, 161



0, 4, 33

Previews

White Background



This preview shows how the RYB color 138, 194, 125 looks on a white background.

Color Contrast Check

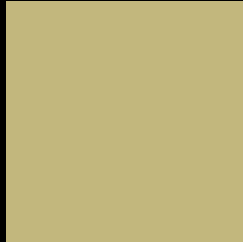
Large Text (above 18pt) WCAG AA × Fail

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 138, 194, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

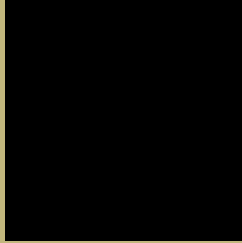
Any Text WCAG AA ✓ Pass

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 138, 194, 125 Background



This preview shows how black text looks on a background with the RYB color 138, 194, 125.



This preview shows how white text looks on a background with the RYB color 138, 194, 125.

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
138, 194, 125

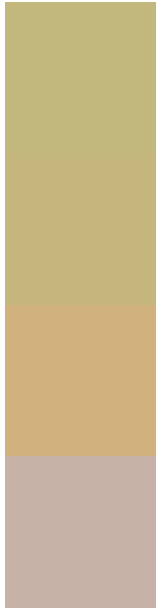
Protanopia
144, 197, 125

Deuteranopia
209, 217, 127



Tritanopia
201, 175, 189

Trichromacy



Original Color
138, 194, 125

Protanomaly
142, 196, 125

Deuteranomaly
178, 209, 126

Tritanomaly
198, 185, 166

Monochromacy



Original Color
138, 194, 125

Achromatopsia
180, 180, 180

Achromatomaly
165, 185, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 194, 125 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(138, 194, 125) looks like.

```
.text, #text, p{  
    color:rgb(138, 194, 125)  
}
```

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(194, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 125) }
```

Border

The CSS property to change the border of an element to RYB 138, 194, 125 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(194, 183, 125) }
```

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

```
.border{ border-color:rgb(194, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(194, 183,  
125) }
```

Background

The CSS property to change the background color of an element to RYB 138, 194, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 125) }
```

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

```
.background{ background-color: rgb(194,  
183, 125) }
```

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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