

Converting Colors

`RYB(128, 188, 125)`

Have a look what the booklet for
RYB(128, 188, 125) contains.

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Color

R_YB(128, 188, 125)

Conversions

Conversions Part 1

Format	Color
Hex	BCB97D
RGB	188, 185, 125
RGB Percent	74%, 73%, 49%
CMY	0.2627, 0.2740, 0.5098
CMYK	0.00, 0.02, 0.34, 0.26
HSL	57°, 32%, 61%
HSV	57°, 34%, 74%
XYZ	41.8182, 46.9270, 26.2558
YIQ	179.0570, 21.0480, -18.0240

Conversions

Conversions Part 2

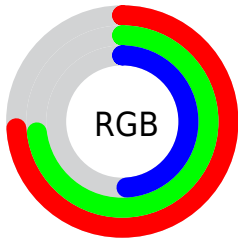
Format	Color
RYB	128, 188, 125
Decimal	12368253
CIELab	74.14, -8.26, 30.93
CIELCh	74, 32.018, 104.950
Yxy	46.9270, 0.3636, 0.4081
Android (android.graphics.Color)	4290558333 (0xFFBCB97D)
YUV	179.0570, -26.6501, 7.8430
Hunter-Lab	68.5033, -10.9145, 25.2278

Details

The RYB color **128, 188, 125** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **125, 128, 188**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **182, 245, 178**, and **77, 134, 75** is the 20% darker color. If you saturate the color by 10%, you get **110, 188, 106**, and if you desaturate by 10%, it is **146, 188, 144**.

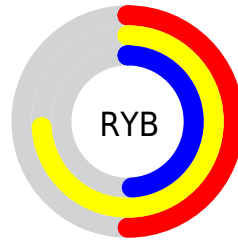
Distribution



Red (74%)

Green (73%)

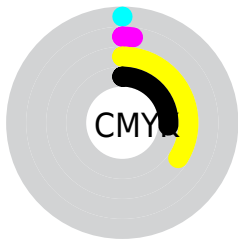
Blue (49%)



Red (50%)

Yellow (74%)

Blue (49%)

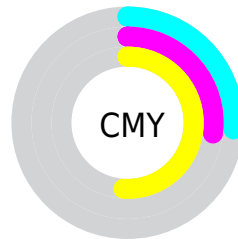


Cyan (0%)

Magenta (2%)

Yellow (34%)

Black (26%)



Cyan (26%)

Magenta (27%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 188, 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 128, 188, 125 by changing the saturation by 10% instead.

 128, 188, 125

255, 255, 255


 182, 245, 178

 206, 255, 206

 234, 255, 234

 128, 188, 125

 103, 161, 100


 77, 134, 75

 52, 108, 51

 29, 83, 29

 4, 60, 6

 0, 38, 2

 0, 19, 17

 0, 0, 0

 128, 188, 125

 128, 188, 125

■ 110, 188, 106

■ 146, 188, 144

■ 92, 188, 87

■ 164, 188, 163

■ 74, 188, 69

■ 181, 188, 181

■ 56, 188, 50

■ 188, 189, 200

■ 38, 188, 31

■ 188, 189, 219

■ 20, 188, 12

■ 188, 190, 238

■ 9, 188, 0

■ 188, 191, 255

■ 188, 192, 255

■ 188, 193, 255

Harmonies

Analogous

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



201, 216, 126



128, 188, 125



140, 193, 178

Triad

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



128, 188, 125



90, 149, 223



231, 162, 198

Complementary

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



128, 188, 125



125, 128, 188

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.



205, 170, 224



128, 188, 125



122, 164, 238

Square

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



128, 188, 125



92, 146, 199



166, 178, 239



241, 161, 168

Rectangle

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



128, 188, 125



132, 179, 196



166, 178, 239



224, 164, 208

Sweetspot

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



128, 188, 125



221, 245, 220



188, 125, 128



108, 122, 108



250, 250, 250



122, 122, 122

Same Dimension

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



128, 188, 125



152, 245, 147



125, 188, 153



85, 94, 85



7, 158, 0



2, 31, 0

Inverse Universe

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



125, 128, 188



147, 151, 245



153, 125, 188



85, 85, 94



0, 7, 158



0, 1, 31

Previews

White Background



This preview shows how the RYB color 128, 188, 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 128, 188, 125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

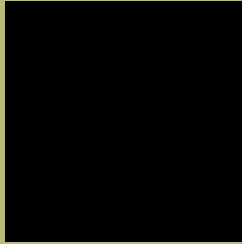
Any Text WCAG AA ✓ Pass

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 128, 188, 125 Background



This preview shows how black text looks on a background with the RYB color 128, 188, 125.



This preview shows how white text looks on a background with the RYB color 128, 188, 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
128, 188, 125

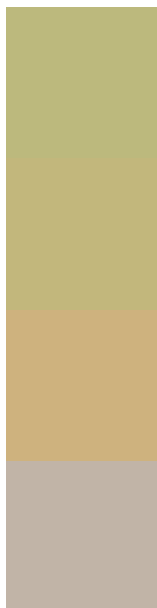
Protanopia
143, 197, 124

Deuteranopia
209, 217, 127



Tritanopia
196, 177, 191

Trichromacy



Original Color

128, 188, 125

Protanomaly

137, 194, 124

Deuteranomaly

169, 206, 126

Tritanomaly

193, 193, 167

Monochromacy



Original Color

128, 188, 125

Achromatopsia

179, 179, 179

Achromatomaly

160, 182, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 188, 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(188, 185, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 185, 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(188, 185, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 185, 125) }
```

Border

The CSS property to change the border of an element to RYB 128, 188, 125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

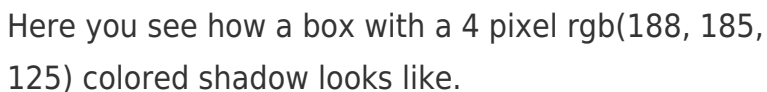
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 185, 125) }
```

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

```
.border{ border-color:rgb(188, 185, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 185, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 185, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 185, 125); box-shadow:4px 4px 4px 4px rgb(188, 185, 125) }
```

Background

The CSS property to change the background color of an element to RYB 128, 188, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 185, 125) }
```

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

```
.background{ background-color: rgb(188,  
185, 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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