

Converting Colors

`RYB(128, 185, 128)`

Have a look what the booklet for
RYB(128, 185, 128) contains.

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Color

R_YB(128, 185, 128)

Conversions

Conversions Part 1

Format	Color
Hex	B9B980
RGB	185, 185, 128
RGB Percent	73%, 73%, 50%
CMY	0.2745, 0.2745, 0.4980
CMYK	0.00, 0.00, 0.31, 0.27
HSL	60°, 29%, 61%
HSV	60°, 31%, 73%
XYZ	41.2528, 46.5707, 27.2369
YIQ	178.5020, 18.2970, -17.7270

Conversions

Conversions Part 2

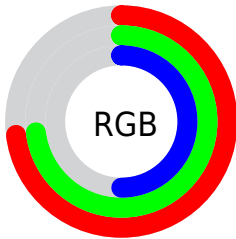
Format	Color
RYB	128, 185, 128
Decimal	12171648
CIELab	73.91, -9.00, 29.01
CIELCh	74, 30.371, 107.229
Yxy	46.5707, 0.3585, 0.4048
Android (android.graphics.Color)	4290361728 (0xFFB9B980)
YUV	178.5020, -24.8975, 5.6987
Hunter-Lab	68.2427, -11.5213, 24.1063

Details

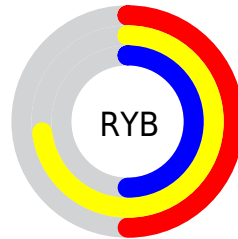
The RYB color **128, 185, 128** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **128, 128, 185**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **182, 242, 181**, and **78, 132, 79** is the 20% darker color. If you saturate the color by 10%, you get **110, 185, 110**, and if you desaturate by 10%, it is **147, 185, 147**.

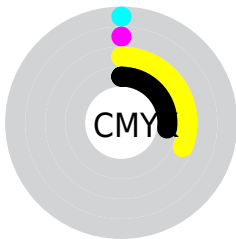
Distribution



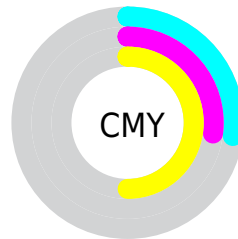
- Red (73%)
- Green (73%)
- Blue (50%)



- Red (50%)
- Yellow (73%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 185, 128 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, 185, 128 by changing the saturation by 10% instead.

 128, 185, 128


255, 255, 255

 182, 242, 181

 209, 255, 209

 237, 255, 237

 128, 185, 128

 103, 158, 103


 78, 132, 79

 54, 107, 56

 32, 83, 35


 8, 60, 12


 0, 38, 4

 0, 18, 18


 0, 0, 0

 128, 185, 128

 128, 185, 128

 110, 185, 110

 147, 185, 147

 91, 185, 91

 165, 185, 165

 73, 185, 73


 184, 185, 184

 54, 185, 54


 185, 185, 202

 36, 185, 36

 185, 185, 221

 17, 185, 17

 185, 185, 239

 0, 185, 0

 185, 185, 255

Harmonies

Analogous

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



191, 212, 128



128, 185, 128



143, 192, 182

Triad

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



128, 185, 128



98, 152, 222



229, 162, 195

Complementary

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



128, 185, 128



128, 128, 185

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, 169, 220



128, 185, 128



129, 167, 235

Square

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



128, 185, 128



97, 147, 197



169, 178, 235



238, 161, 166

Rectangle

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



128, 185, 128



132, 176, 195



169, 178, 235



223, 164, 204

Sweetspot

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



128, 185, 128



218, 240, 218



185, 128, 128



107, 120, 107



247, 247, 247



120, 120, 120

Same Dimension

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



128, 185, 128



151, 240, 151



128, 185, 156



83, 92, 83



0, 156, 0



0, 28, 0

Inverse Universe

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



128, 128, 185



151, 151, 240



157, 128, 185



83, 83, 92



0, 0, 156



0, 0, 28

Previews

White Background



This preview shows how the RYB color 128, 185, 128 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, 185, 128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

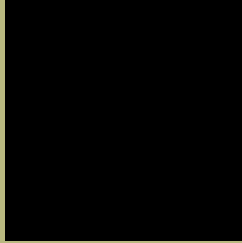
Any Text WCAG AA ✓ Pass

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, 185, 128 Background



This preview shows how black text looks on a background with the RYB color 128, 185, 128.



This preview shows how white text looks on a background with the RYB color 128, 185, 128.

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, 185, 128

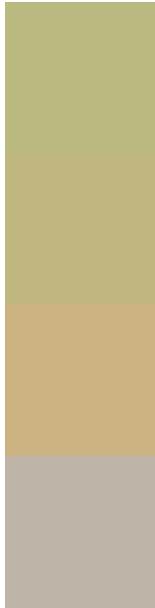
Protanopia
146, 196, 127

Deuteranopia
212, 216, 130



Tritanopia
193, 177, 191

Trichromacy



Original Color
128, 185, 128

Protanomaly
139, 192, 127

Deuteranomaly
171, 205, 129

Tritanomaly
186, 190, 168

Monochromacy



Original Color
128, 185, 128

Achromatopsia
179, 179, 179

Achromatomaly
160, 181, 160

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(185, 185, 128)  
}
```

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(185, 185, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 185, 128 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(185, 185, 128) }
```

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

```
.border{ border-color:rgb(185, 185, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 128);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 185, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 128) }
```

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

```
.background{ background-color: rgb(185,  
185, 128) }
```

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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