

Converting Colors

`RYB(128, 153, 136)`

Have a look what the booklet for
RYB(128, 153, 136) contains.

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Color

R_YB(128, 153, 136)

Conversions

Conversions Part 1

Format	Color
Hex	919980
RGB	145, 153, 128
RGB Percent	57%, 60%, 50%
CMY	0.4314, 0.4000, 0.4980
CMYK	0.05, 0.00, 0.16, 0.40
HSL	79°, 11%, 55%
HSV	79°, 16%, 60%
XYZ	26.9646, 30.3607, 24.8611
YIQ	147.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

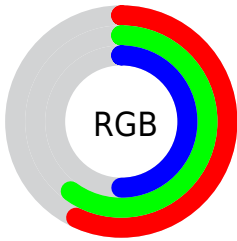
Format	Color
RYB	128, 153, 136
Decimal	9542016
CIELab	61.96, -7.51, 12.18
CIElCh	62, 14.311, 121.666
Yxy	30.3607, 0.3281, 0.3694
Android (android.graphics.Color)	4287732096 (0xFF919980)
YUV	147.7580, -9.7407, -2.4188
Hunter-Lab	55.1006, -9.0734, 11.8190

Details

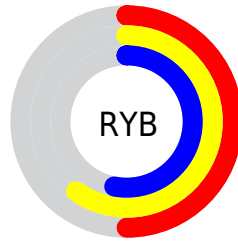
The RYB color **128, 153, 136** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **136, 128, 153**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **181, 207, 189**, and **79, 102, 87** is the 20% darker color. If you saturate the color by 10%, you get **113, 153, 126**, and if you desaturate by 10%, it is **143, 153, 146**.

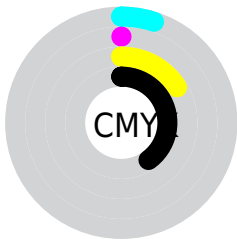
Distribution



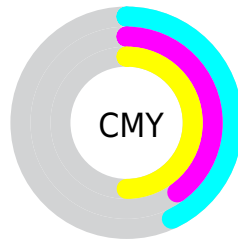
- Red (57%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (43%)
- Magenta (40%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 153, 136 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, 153, 136 by changing the saturation by 10% instead.

 128, 153, 136

255, 255, 255

 181, 207, 189


 208, 236, 217

 237, 255, 237


 128, 153, 136


 103, 127, 111

 79, 102, 87

 56, 78, 63

 34, 55, 41


 13, 34, 20

 0, 13, 13

 0, 0, 0

 128, 153, 136

 113, 153, 126

 128, 153, 136

 143, 153, 146

■ 97, 153, 115

■ 155, 153, 159

■ 82, 153, 105

■ 160, 153, 174

■ 67, 153, 95

■ 165, 153, 189

■ 52, 153, 84

■ 169, 153, 205

■ 36, 153, 73

■ 174, 153, 220

■ 21, 153, 63

■ 179, 153, 235

■ 6, 153, 53

■ 184, 153, 250

■ 0, 153, 49

■ 189, 153, 255

Harmonies

Analogous

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



139, 159, 125



128, 153, 136



131, 151, 156

Triad

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



128, 153, 136



123, 142, 172



175, 141, 149

Complementary

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



128, 153, 136



136, 128, 153

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.



167, 143, 162



128, 153, 136



137, 147, 175

Square

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



128, 153, 136



117, 138, 163



153, 146, 171



176, 143, 137

Rectangle

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



128, 153, 136



123, 143, 157



153, 146, 171



173, 141, 154

Sweetspot

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



128, 153, 136



189, 199, 192



153, 140, 128



93, 99, 94



227, 227, 227



99, 99, 99

Same Dimension

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



128, 153, 136



159, 199, 172



128, 153, 148



69, 77, 72



0, 140, 45



0, 13, 4

Inverse Universe

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



136, 128, 153



172, 159, 199



148, 128, 153



71, 69, 77



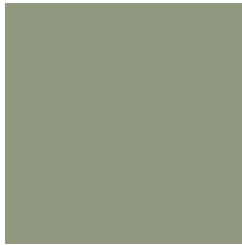
45, 0, 140



4, 0, 13

Previews

White Background



This preview shows how the RYB color 128, 153, 136 looks on a white background.

Color Contrast Check

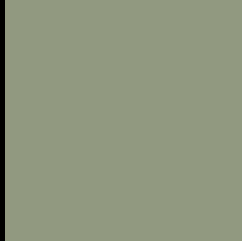
Large Text (above 18pt) WCAG AA × Fail

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, 153, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

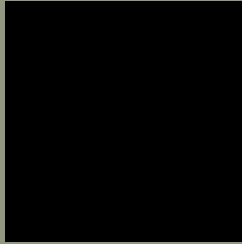
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

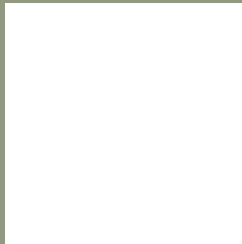
Any Text WCAG AAA ✓ Pass

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

RYP 128, 153, 136 Background



This preview shows how black text looks on a background with the RYP color 128, 153, 136.



This preview shows how white text looks on a background with the RYP color 128, 153, 136.

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, 153, 136

Protanopia
139, 158, 126

Deuteranopia
171, 151, 130



Tritanopia
150, 148, 160

Trichromacy



Original Color

128, 153, 136

Protanomaly

130, 153, 127

Deuteranomaly

157, 162, 129

Tritanomaly

148, 150, 150

Monochromacy



Original Color

128, 153, 136

Achromatopsia

148, 148, 148

Achromatomaly

141, 150, 144

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 153, 136 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(145, 153, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 153, 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(145, 153, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 153, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 153, 136 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(145, 153, 128) }
```

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

```
.border{ border-color:rgb(145, 153, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 153, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 153, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 153, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 153,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 153, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 153, 128) }
```

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

```
.background{ background-color: rgb(145,  
153, 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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