

Converting Colors

`RYB(128, 163, 126)`

Have a look what the booklet for
RYB(128, 163, 126) contains.

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Color

R_YB(128, 163, 126)

Conversions

Conversions Part 1

Format	Color
Hex	A3A17E
RGB	163, 161, 126
RGB Percent	64%, 63%, 49%
CMY	0.3608, 0.3682, 0.5059
CMYK	0.00, 0.01, 0.23, 0.36
HSL	57°, 17%, 57%
HSV	57°, 23%, 64%
XYZ	31.6330, 34.8185, 24.7921
YIQ	157.6080, 12.4270, -10.4610

Conversions

Conversions Part 2

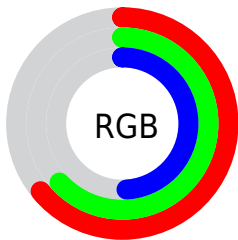
Format	Color
RYB	128, 163, 126
Decimal	10723710
CIELab	65.61, -5.25, 18.57
CIELCh	66, 19.303, 105.795
Yxy	34.8185, 0.3467, 0.3816
Android (android.graphics.Color)	4288913790 (0xFFA3A17E)
YUV	157.6080, -15.5827, 4.7288
Hunter-Lab	59.0072, -7.5712, 16.3941

Details

The RYB color **128, 163, 126** is a light color, and the websafe version is hex **999966**. A complement of this color would be **126, 128, 163**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **181, 218, 179**, and **78, 111, 77** is the 20% darker color. If you saturate the color by 10%, you get **113, 163, 110**, and if you desaturate by 10%, it is **143, 163, 142**.

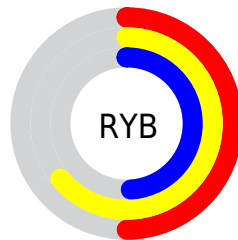
Distribution



Red (64%)

Green (63%)

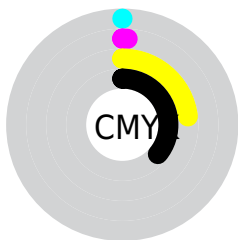
Blue (49%)



Red (50%)

Yellow (64%)

Blue (49%)

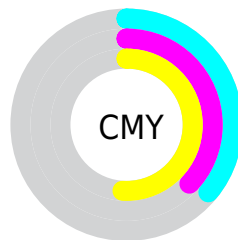


Cyan (0%)

Magenta (1%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 163, 126 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, 163, 126 by changing the saturation by 10% instead.

 128, 163, 126

255, 255, 255

 181, 218, 179

 209, 247, 206

 235, 255, 235

 128, 163, 126

 103, 137, 101

 78, 111, 77

 55, 86, 54

 32, 62, 32

 10, 40, 10

 0, 20, 3

 0, 0, 0

 128, 163, 126

 113, 163, 110

 128, 163, 126

 143, 163, 142

■ 97, 163, 93

■ 159, 163, 159

■ 81, 163, 77

■ 163, 164, 175

■ 66, 163, 61

■ 163, 164, 191

■ 51, 163, 45

■ 163, 165, 207

■ 35, 163, 28

■ 163, 166, 224

■ 20, 163, 12

■ 163, 167, 240

■ 8, 163, 0

■ 163, 168, 255

■ 163, 169, 255

Harmonies

Analogous

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



173, 180, 126



128, 163, 126



135, 166, 158

Triad

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



128, 163, 126



114, 144, 183



189, 148, 168

Complementary

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



128, 163, 126



126, 128, 163

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.



173, 152, 184



128, 163, 126



129, 151, 192

Square

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



128, 163, 126



113, 141, 169



152, 157, 192



195, 147, 151

Rectangle

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



128, 163, 126



131, 158, 168



152, 157, 192



185, 149, 174

Sweetspot

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



128, 163, 126



198, 212, 197



163, 126, 128



99, 107, 99



235, 235, 235



107, 107, 107

Same Dimension

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



128, 163, 126



158, 212, 155



126, 163, 142



74, 82, 73



7, 145, 0



1, 18, 0

Inverse Universe

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



126, 128, 163



155, 157, 212



142, 126, 163



73, 74, 82



0, 7, 145



0, 1, 18

Previews

White Background



This preview shows how the RYB color 128, 163, 126 looks on a white background.

Color Contrast Check

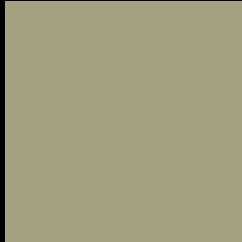
Large Text (above 18pt) WCAG AA × Fail

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, 163, 126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

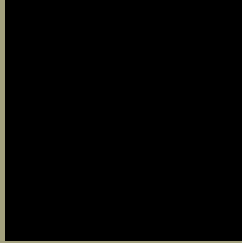
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

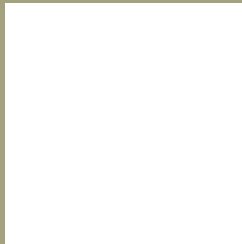
Any Text WCAG AAA ✓ Pass

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

RYP 128, 163, 126 Background



This preview shows how black text looks on a background with the RYP color 128, 163, 126.



This preview shows how white text looks on a background with the RYP color 128, 163, 126.

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, 163, 126

Protanopia
140, 170, 125

Deuteranopia
185, 173, 128



Tritanopia
168, 155, 168

Trichromacy



Original Color
128, 163, 126

Protanomaly
133, 167, 125

Deuteranomaly
163, 177, 127

Tritanomaly
166, 159, 153

Monochromacy



Original Color
128, 163, 126

Achromatopsia
158, 158, 158

Achromatomaly
147, 160, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 163, 126 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(163, 161, 126) looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 126)  
}
```

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(163, 161, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 126) }
```

Border

The CSS property to change the border of an element to RYB 128, 163, 126 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(163, 161, 126) }
```

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

```
.border{ border-color:rgb(163, 161, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 128, 163, 126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 126) }
```

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

```
.background{ background-color: rgb(163,  
161, 126) }
```

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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