

Converting Colors

`RYB(136, 181, 118)`

Have a look what the booklet for
RYB(136, 181, 118) contains.

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Color

R_YB(136, 181, 118)

Conversions

Conversions Part 1

Format	Color
Hex	B5A776
RGB	181, 167, 118
RGB Percent	71%, 65%, 46%
CMY	0.2902, 0.3451, 0.5373
CMYK	0.00, 0.08, 0.35, 0.29
HSL	47°, 30%, 59%
HSV	47°, 35%, 71%
XYZ	36.1448, 38.7692, 22.7177
YIQ	165.6000, 24.0730, -12.2710

Conversions

Conversions Part 2

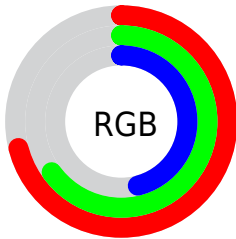
Format	Color
RYB	136, 181, 118
Decimal	11904886
CIELab	68.58, -2.34, 27.21
CIElCh	69, 27.312, 94.909
Yxy	38.7692, 0.3702, 0.3971
Android (android.graphics.Color)	4290094966 (0xFFB5A776)
YUV	165.6000, -23.4668, 13.5058
Hunter-Lab	62.2649, -5.3443, 21.9531

Details

The RYB color **136, 181, 118** is a light color, and the websafe version is hex **999966**. A complement of this color would be **118, 129, 181**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **192, 238, 171**, and **84, 127, 69** is the 20% darker color. If you saturate the color by 10%, you get **123, 181, 100**, and if you desaturate by 10%, it is **149, 181, 136**.

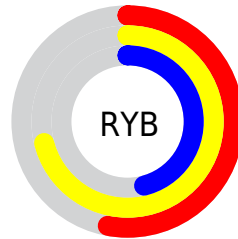
Distribution



Red (71%)

Green (65%)

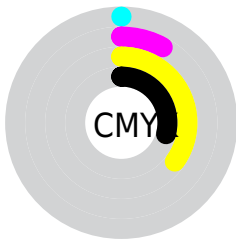
Blue (46%)



Red (53%)

Yellow (71%)

Blue (46%)

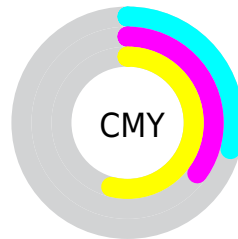


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 136, 181, 118 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 136, 181, 118 by changing the saturation by 10% instead.

 136, 181, 118

255, 255, 255


 192, 238, 171

 202, 255, 198

 226, 255, 226

 136, 181, 118

 110, 154, 93

 84, 127, 69

 58, 101, 46

 35, 76, 24

 9, 53, 0

 6, 30, 0

 0, 0, 0

 136, 181, 118

 123, 181, 100

 136, 181, 118

 149, 181, 136

■ 110, 181, 82

■ 162, 181, 154

■ 97, 181, 64

■ 175, 181, 172

■ 85, 181, 46

■ 181, 183, 190

■ 71, 181, 27

■ 181, 186, 209

■ 58, 181, 9

■ 181, 189, 227

■ 51, 181, 0

■ 181, 192, 245

■ 181, 195, 255

■ 181, 198, 255

Harmonies

Analogous

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



203, 188, 123



136, 181, 118



126, 174, 146

Triad

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



136, 181, 118



91, 139, 195



202, 152, 189

Complementary

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



136, 181, 118



118, 129, 181

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.



176, 160, 208



136, 181, 118



108, 149, 211

Square

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



136, 181, 118



101, 144, 181



142, 161, 216



216, 149, 164

Rectangle

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



136, 181, 118



135, 175, 178



142, 161, 216



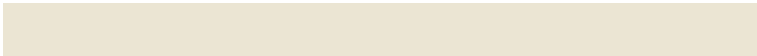
195, 154, 196

Sweetspot

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



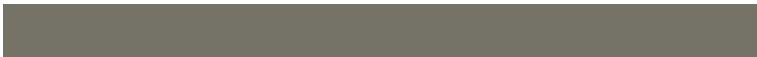
136, 181, 118



219, 235, 211



181, 118, 133



107, 117, 103



245, 245, 245



117, 117, 117

Same Dimension

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



136, 181, 118



164, 235, 136



118, 181, 135



83, 89, 80



44, 153, 0



8, 26, 0

Inverse Universe

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



118, 129, 181



136, 154, 235



135, 118, 181



80, 82, 89



0, 28, 153



0, 5, 26

Previews

White Background



This preview shows how the RYB color 136, 181, 118 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 136, 181, 118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

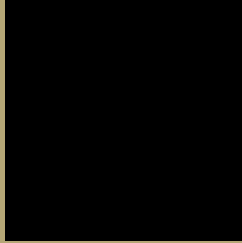
Any Text WCAG AA ✓ Pass

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 136, 181, 118 Background



This preview shows how black text looks on a background with the RYB color 136, 181, 118.



This preview shows how white text looks on a background with the RYB color 136, 181, 118.

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
136, 181, 118

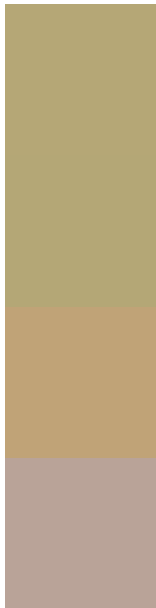
Protanopia
134, 180, 118

Deuteranopia
195, 199, 119



Tritanopia
187, 160, 172

Trichromacy



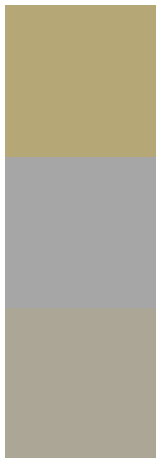
Original Color
136, 181, 118

Protanomaly
134, 180, 118

Deuteranomaly
167, 192, 119

Tritanomaly
185, 169, 152

Monochromacy



Original Color
136, 181, 118

Achromatopsia
166, 166, 166

Achromatomaly
155, 171, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 136, 181, 118 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(181, 167, 118)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 118)  
}
```

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(181, 167, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 118) }
```

Border

The CSS property to change the border of an element to RYB 136, 181, 118 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(181, 167, 118) }
```

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

```
.border{ border-color:rgb(181, 167, 118) }
```

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

Here you see how a box with a 4 pixel rgb(181, 167, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 118);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 136, 181, 118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 118) }
```

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

```
.background{ background-color: rgb(181,  
167, 118) }
```

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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