

Converting Colors

`RYB(118, 182, 132)`

Have a look what the booklet for
RYB(118, 182, 132) contains.

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Color

R_YB(118, 182, 132)

Conversions

Conversions Part 1

Format	Color
Hex	A8B676
RGB	168, 182, 118
RGB Percent	66%, 71%, 46%
CMY	0.3412, 0.2863, 0.5373
CMYK	0.08, 0.00, 0.35, 0.29
HSL	73°, 30%, 59%
HSV	73°, 35%, 71%
XYZ	36.1464, 43.0887, 23.5514
YIQ	170.5180, 12.2000, -22.8720

Conversions

Conversions Part 2

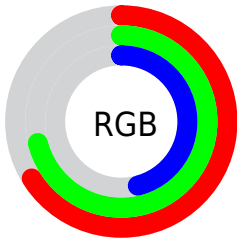
Format	Color
RYB	118, 182, 132
Decimal	11056758
CIELab	71.62, -15.40, 31.01
CIELCh	72, 34.618, 116.411
Yxy	43.0887, 0.3517, 0.4192
Android (android.graphics.Color)	4289246838 (0xFFA8B676)
YUV	170.5180, -25.8914, -2.2083
Hunter-Lab	65.6420, -16.5808, 24.6770

Details

The RYB color **118, 182, 132** is a light color, and the websafe version is hex **999966**. A complement of this color would be **132, 118, 182**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **171, 238, 185**, and **69, 129, 83** is the 20% darker color. If you saturate the color by 10%, you get **100, 182, 118**, and if you desaturate by 10%, it is **136, 182, 146**.

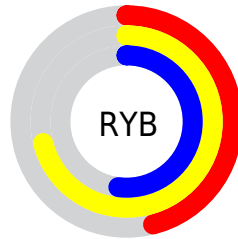
Distribution



Red (66%)

Green (71%)

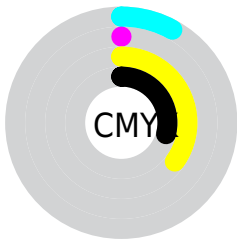
Blue (46%)



Red (46%)

Yellow (71%)

Blue (52%)

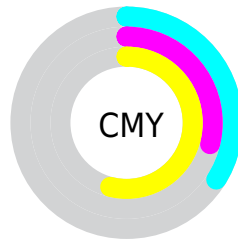


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (29%)



Cyan (34%)

Magenta (29%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 182, 132 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 118, 182, 132 by changing the saturation by 10% instead.

 118, 182, 132


255, 255, 255

 171, 238, 185

 198, 255, 200

 227, 255, 227

 118, 182, 132


 93, 155, 107


 69, 129, 83

 45, 104, 59

 22, 80, 37

 0, 57, 15

 0, 35, 16

 0, 11, 11

 0, 0, 0

 118, 182, 132

 118, 182, 132

■ 100, 182, 118

■ 136, 182, 146

■ 82, 182, 104

■ 154, 182, 160

■ 63, 182, 89

■ 173, 182, 175

■ 45, 182, 75

■ 184, 182, 191

■ 27, 182, 61

■ 188, 182, 209

■ 9, 182, 47

■ 192, 182, 227

■ 0, 182, 40

■ 196, 182, 245

■ 200, 182, 255

■ 204, 182, 255

Harmonies

Analogous

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



153, 200, 112



118, 182, 132



131, 181, 189

Triad

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



118, 182, 132



79, 142, 227



234, 152, 181

Complementary

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



118, 182, 132



132, 118, 182

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.



212, 158, 211



118, 182, 132



126, 162, 238

Square

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



118, 182, 132



64, 130, 202



174, 169, 232



237, 153, 149

Rectangle

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



118, 182, 132



105, 158, 192



174, 169, 232



228, 153, 191

Sweetspot

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



118, 182, 132



211, 237, 217



182, 136, 118



104, 120, 108



247, 247, 247



120, 120, 120

Same Dimension

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



118, 182, 132



138, 237, 160



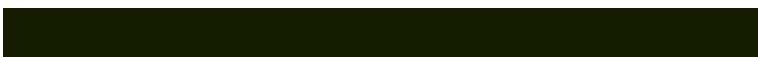
118, 182, 164



83, 92, 85



0, 156, 34



0, 28, 6

Inverse Universe

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



132, 118, 182



159, 138, 237



164, 118, 182



85, 83, 92



34, 0, 156



6, 0, 28

Previews

White Background



This preview shows how the RYB color 118, 182, 132 looks on a white background.

Color Contrast Check

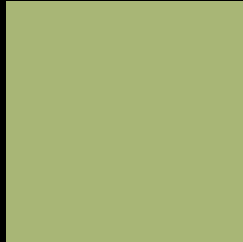
Large Text (above 18pt) WCAG AA × Fail

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 118, 182, 132 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](#).

R Y B 118, 182, 132 Background



This preview shows how black text looks on a background with the RYB color 118, 182, 132.



This preview shows how white text looks on a background with the RYB color 118, 182, 132.

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
118, 182, 132

Protanopia
134, 190, 115

Deuteranopia
198, 209, 121



Tritanopia
177, 173, 187

Trichromacy



Original Color

118, 182, 132

Protanomaly

120, 182, 116

Deuteranomaly

149, 194, 120

Tritanomaly

162, 176, 164

Monochromacy



Original Color

118, 182, 132

Achromatopsia

171, 171, 171

Achromatomaly

152, 175, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 182, 132 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(168, 182, 118)` looks like.

```
.text, #text, p{  
    color:rgb(168, 182, 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(168, 182, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 182, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 182, 132 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(168, 182, 118) }
```

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

```
.border{ border-color:rgb(168, 182, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 182, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 182, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 182, 118);  
box-shadow:4px 4px 4px 4px rgb(168, 182,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 182, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 182, 118) }
```

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

```
.background{ background-color: rgb(168,  
182, 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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