

Converting Colors

`RYB(118, 152, 182)`

Have a look what the booklet for
RYB(118, 152, 182) contains.

RYB(118, 152, 182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(118, 152, 182)

Conversions

Conversions Part 1

Format	Color
Hex	76B6AE
RGB	118, 182, 174
RGB Percent	46%, 71%, 68%
CMY	0.5373, 0.2863, 0.3158
CMYK	0.35, 0.00, 0.04, 0.29
HSL	173°, 30%, 59%
HSV	173°, 35%, 71%
XYZ	31.8851, 40.3818, 46.3993
YIQ	161.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

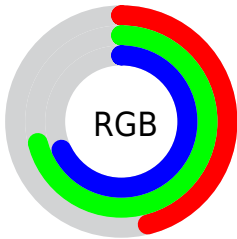
Format	Color
RYB	118, 152, 182
Decimal	7780014
CIELab	69.74, -22.15, -2.68
CIElCh	70, 22.314, 186.885
Yxy	40.3818, 0.2687, 0.3403
Android (android.graphics.Color)	4285970094 (0xFF76B6AE)
YUV	161.9520, 5.9397, -38.5459
Hunter-Lab	63.5467, -21.6428, 1.1915

Details

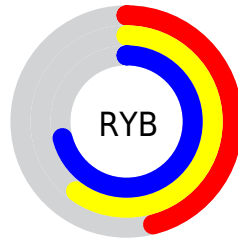
The RYB color **118, 152, 182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182, 118, 126**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **172, 207, 238**, and **65, 99, 129** is the 20% darker color. If you saturate the color by 10%, you get **100, 144, 182**, and if you desaturate by 10%, it is **136, 160, 182**.

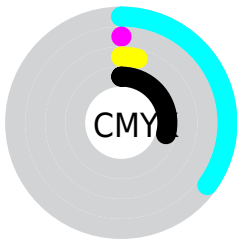
Distribution



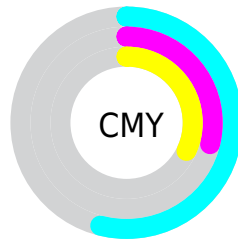
- Red (46%)
- Green (71%)
- Blue (68%)



- Red (46%)
- Yellow (60%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 152, 182 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, 152, 182 by changing the saturation by 10% instead.


 118, 152, 182


255, 255, 255

 172, 207, 238

 201, 228, 255

 229, 242, 255

 118, 152, 182

 92, 125, 155

 65, 99, 129

 38, 73, 104

 3, 42, 79


 0, 29, 56


 0, 18, 34

 0, 0, 5


 0, 0, 0

 118, 152, 182


 118, 152, 182


 100, 144, 182


 136, 160, 182


 82, 135, 182


 154, 169, 182

 63, 126, 182

 173, 178, 182

 45, 118, 182

 191, 182, 183

 27, 109, 182

 209, 182, 185

 9, 101, 182

 227, 182, 187

 0, 97, 182

 245, 182, 189

 255, 182, 192

 255, 182, 194

Harmonies

Analogous

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



136, 168, 181



118, 152, 182



114, 150, 194

Triad

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



118, 152, 182



180, 164, 203



199, 190, 134

Complementary

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



118, 152, 182



182, 118, 126

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.



210, 160, 147



118, 152, 182



201, 158, 187

Square

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



118, 152, 182



153, 167, 210



211, 156, 166



142, 181, 130

Rectangle

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



118, 152, 182



121, 155, 204



211, 156, 166



204, 177, 137

Sweetspot

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



118, 152, 182



211, 225, 237



118, 182, 173



104, 113, 120



247, 247, 247



120, 120, 120

Same Dimension

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



118, 152, 182



138, 191, 237



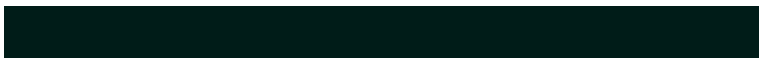
118, 143, 182



83, 88, 92



0, 83, 156



0, 15, 28

Inverse Universe

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



182, 118, 126



237, 138, 149



182, 154, 118



92, 83, 84



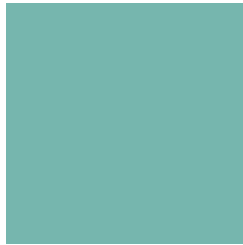
156, 0, 18



28, 0, 3

Previews

White Background



This preview shows how the RYB color 118, 152, 182 looks on a white background.

Color Contrast Check

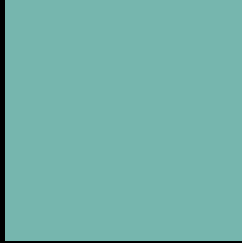
Large Text (above 18pt) WCAG AA × Fail

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, 152, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

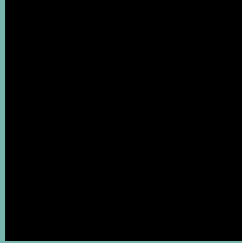
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

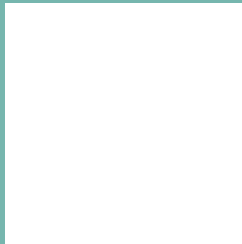
Any Text WCAG AAA ✓ Pass

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

RYB 118, 152, 182 Background



This preview shows how black text looks on a background with the RYB color 118, 152, 182.

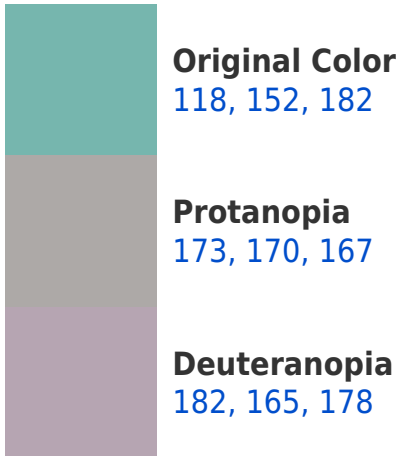


This preview shows how white text looks on a background with the RYB color 118, 152, 182.

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





Tritanopia
123, 154, 194

Trichromacy



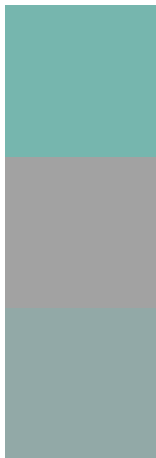
Original Color
118, 152, 182

Protanomaly
153, 165, 174

Deuteranomaly
159, 166, 177

Tritanomaly
121, 152, 187

Monochromacy



Original Color
118, 152, 182

Achromatopsia
162, 162, 162

Achromatomaly
146, 158, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 118, 152, 182 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(118, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(118, 182, 174)  
}
```

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(118, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 182, 174) }
```

Border

The CSS property to change the border of an element to RYB 118, 152, 182 is called "border". The border property can be set on classes, ids or directly on the HTML element.

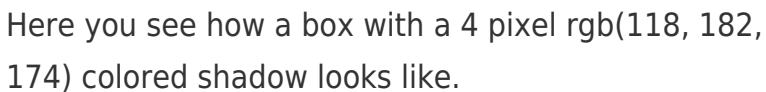
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 182, 174) }
```

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

```
.border{ border-color:rgb(118, 182, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 182, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 182, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 182, 174); box-shadow:4px 4px 4px 4px rgb(118, 182, 174) }
```

Background

The CSS property to change the background color of an element to RYB 118, 152, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 182, 174) }
```

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

```
.background{ background-color: rgb(118,  
182, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor