

Converting Colors

`RYB(62, 173, 138)`

Have a look what the booklet for
RYB(62, 173, 138) contains.

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Color

R_YB(62, 173, 138)

Conversions

Conversions Part 1

Format	Color
Hex	61AD3E
RGB	97, 173, 62
RGB Percent	38%, 68%, 24%
CMY	0.6196, 0.3216, 0.7569
CMYK	0.44, 0.00, 0.64, 0.32
HSL	101°, 47%, 46%
HSV	101°, 64%, 68%
XYZ	20.7428, 32.7763, 9.7906
YIQ	137.6220, -9.6650, -50.6330

Conversions

Conversions Part 2

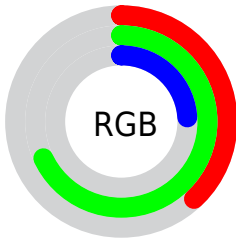
Format	Color
RYB	62, 173, 138
Decimal	6401342
CIELab	63.98, -43.71, 48.29
CIELCh	64, 65.135, 132.145
Yxy	32.7763, 0.3276, 0.5177
Android (android.graphics.Color)	4284591422 (0xFF61AD3E)
YUV	137.6220, -37.2816, -35.6255
Hunter-Lab	57.2506, -35.5151, 29.9360

Details

The RYB color **62, 173, 138** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **138, 62, 173**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **114, 229, 190**, and **0, 120, 81** is the 20% darker color. If you saturate the color by 10%, you get **45, 173, 133**, and if you desaturate by 10%, it is **79, 173, 143**.

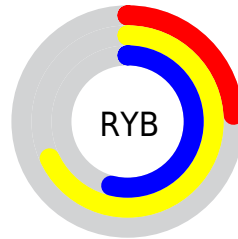
Distribution



Red (38%)

Green (68%)

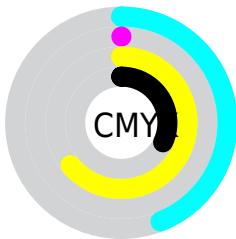
Blue (24%)



Red (24%)

Yellow (68%)

Blue (54%)

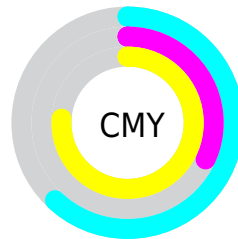


Cyan (44%)

Magenta (0%)

Yellow (64%)

Black (32%)



Cyan (62%)















Magenta (32%)




Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the RYB color 62, 173, 138 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 62, 173, 138 by changing the saturation by 10% instead.

 62, 173, 138	 62, 173, 138
255, 255, 255	 35, 146, 112
 114, 229, 190	 0, 120, 81
 141, 255, 215	 0, 94, 94
 168, 255, 213	 0, 70, 70
 196, 255, 212	 0, 47, 47
 225, 255, 225	 0, 22, 22
254, 255, 254	 0, 0, 0

 62, 173, 138	 62, 173, 138
 45, 173, 133	 79, 173, 143

■ 27, 173, 127

■ 97, 173, 149

■ 10, 173, 122

■ 114, 173, 154

■ 0, 173, 118

■ 131, 173, 160

■ 149, 173, 166

■ 166, 173, 171

■ 180, 173, 183

■ 192, 173, 200

■ 204, 173, 218

Harmonies

Analogous

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



23, 162, 21



62, 173, 138



0, 109, 180

Triad

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



62, 173, 138



0, 102, 255



255, 99, 134

Complementary

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



62, 173, 138



138, 62, 173

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.



242, 105, 192



62, 173, 138



77, 131, 255

Square

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



62, 173, 138



0, 101, 232



188, 129, 242



248, 125, 79

Rectangle

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



62, 173, 138



0, 97, 182



188, 129, 242



255, 98, 153

Sweetspot

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



62, 173, 138



182, 224, 211



113, 173, 62



86, 112, 103



240, 240, 240



112, 112, 112

Same Dimension

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



62, 173, 138



52, 224, 170



62, 156, 173



78, 87, 84



0, 150, 103



0, 23, 16

Inverse Universe

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



138, 62, 173



170, 52, 224



173, 62, 153



84, 78, 87



103, 0, 150



16, 0, 23

Previews

White Background



This preview shows how the RYB color 62, 173, 138 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 62, 173, 138 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 62, 173, 138 Background



This preview shows how black text looks on a background with the RYB color 62, 173, 138.

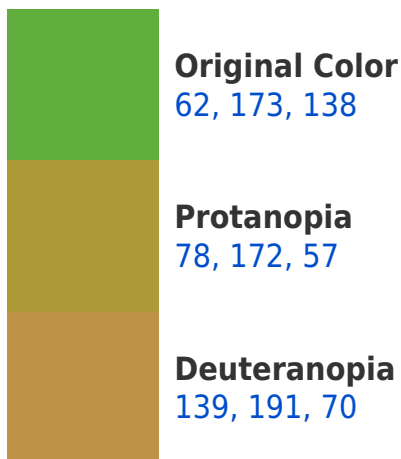


This preview shows how white text looks on a background with the RYB color 62, 173, 138.

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](#).

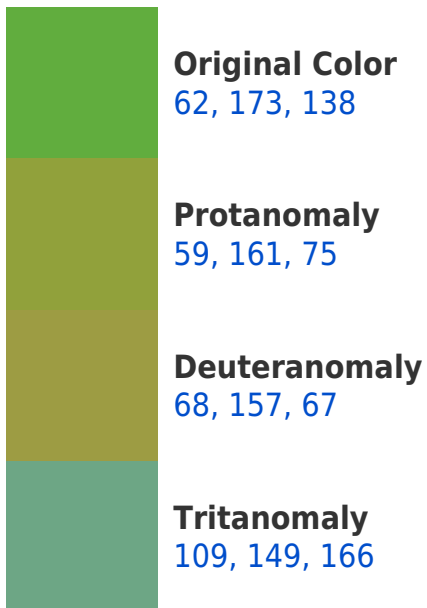
Dichromacy



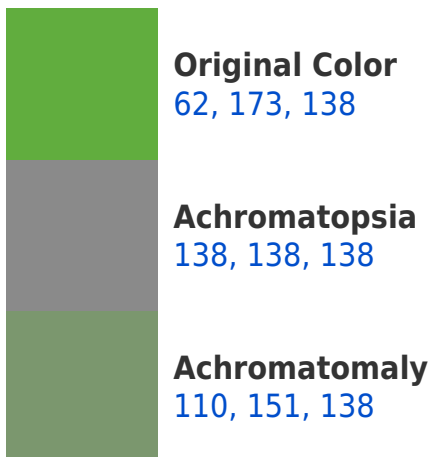


Tritanopia
116, 142, 175

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 62, 173, 138 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(97, 173, 62)` looks like.

```
.text, #text, p{  
    color:rgb(97, 173, 62)  
}
```

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(97, 173, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 173, 62) }
```

Border

The CSS property to change the border of an element to RYB 62, 173, 138 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(97, 173, 62) }
```

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

```
.border{ border-color:rgb(97, 173, 62) }
```

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

Here you see how a box with a 4 pixel rgb(97, 173, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 173, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 173, 62);  
box-shadow:4px 4px 4px 4px rgb(97, 173,  
62) }
```

Background

The CSS property to change the background color of an element to RGB 62, 173, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 173, 62) }
```

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

```
.background{ background-color: rgb(97, 173,  
62) }
```

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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