

Converting Colors

`RYB(138, 152, 165)`

Have a look what the booklet for
RYB(138, 152, 165) contains.

RYB(138, 152, 165)	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(138, 152, 165)

Conversions

Conversions Part 1

Format	Color
Hex	8AA5A3
RGB	138, 165, 163
RGB Percent	54%, 65%, 64%
CMY	0.4588, 0.3529, 0.3605
CMYK	0.16, 0.00, 0.01, 0.35
HSL	176°, 13%, 59%
HSV	176°, 16%, 65%
XYZ	30.5536, 34.9604, 39.8216
YIQ	156.6990, -15.4500, -6.3460

Conversions

Conversions Part 2

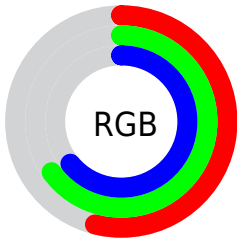
Format	Color
RYB	138, 152, 165
Decimal	9086371
CIELab	65.72, -9.72, -2.13
CIElCh	66, 9.950, 192.382
Yxy	34.9604, 0.2901, 0.3319
Android (android.graphics.Color)	4287276451 (0xFF8AA5A3)
YUV	156.6990, 3.1064, -16.3990
Hunter-Lab	59.1274, -11.2343, 1.4580

Details

The RYB color **138, 152, 165** is a light color, and the websafe version is hex **669999**. A complement of this color would be **165, 138, 140**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **192, 207, 220**, and **88, 101, 113** is the 20% darker color. If you saturate the color by 10%, you get **121, 144, 165**, and if you desaturate by 10%, it is **154, 160, 165**.

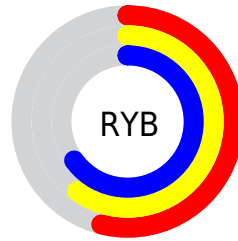
Distribution



Red (54%)

Green (65%)

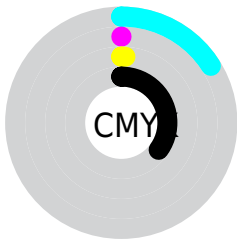
Blue (64%)



Red (54%)

Yellow (60%)

Blue (65%)

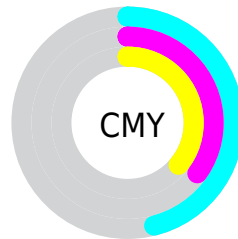


Cyan (16%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (46%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 152, 165 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 138, 152, 165 by changing the saturation by 10% instead.


 138, 152, 165


255, 255, 255


 192, 207, 220

 220, 235, 249


 248, 252, 255

 138, 152, 165


 112, 126, 139

 88, 101, 113

 64, 77, 89


 41, 53, 65


 19, 31, 43


 0, 12, 23

 0, 0, 0

 138, 152, 165

 121, 144, 165

 138, 152, 165

 154, 160, 165

■ 105, 136, 165

■ 171, 165, 165

■ 88, 128, 165

■ 187, 165, 167

■ 72, 120, 165

■ 204, 165, 168

■ 55, 112, 165

■ 220, 165, 169

■ 39, 104, 165

■ 237, 165, 170

■ 22, 96, 165

■ 253, 165, 171

■ 6, 88, 165

■ 255, 165, 172

■ 0, 86, 165

■ 255, 165, 174

Harmonies

Analogous

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



144, 158, 165



138, 152, 165



138, 153, 171

Triad

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



138, 152, 165



166, 156, 173



172, 170, 143

Complementary

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



138, 152, 165



165, 138, 140

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.



178, 157, 148



138, 152, 165



175, 154, 165

Square

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



138, 152, 165



155, 158, 177



179, 154, 156



146, 163, 142

Rectangle

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



138, 152, 165



142, 155, 175



179, 154, 156



174, 164, 144

Sweetspot

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



138, 152, 165



203, 209, 214



138, 165, 163



101, 104, 107



235, 235, 235



107, 107, 107

Same Dimension

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



138, 152, 165



171, 193, 214



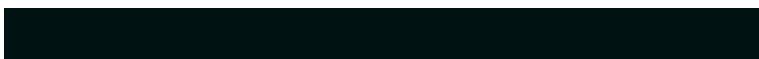
138, 148, 165



73, 78, 82



0, 75, 145



0, 9, 18

Inverse Universe

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



165, 138, 140



214, 171, 174



165, 157, 138



82, 73, 74



145, 0, 10



18, 0, 1

Previews

White Background



This preview shows how the RYB color 138, 152, 165 looks on a white background.

Color Contrast Check

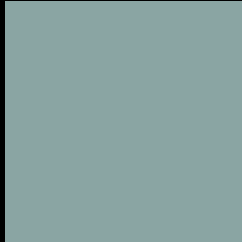
Large Text (above 18pt) WCAG AA × Fail

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 138, 152, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

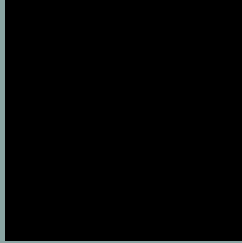
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

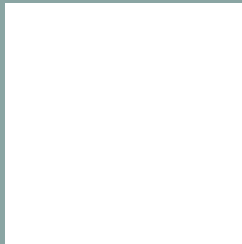
Any Text WCAG AAA ✓ Pass

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

RYB 138, 152, 165 Background



This preview shows how black text looks on a background with the RYB color 138, 152, 165.

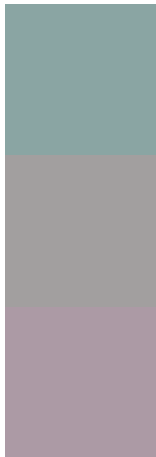


This preview shows how white text looks on a background with the RYB color 138, 152, 165.

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
138, 152, 165

Protanopia
162, 159, 159

Deuteranopia
172, 154, 165



Tritanopia
140, 154, 176

Trichromacy



Original Color

138, 152, 165

Protanomaly

153, 157, 161

Deuteranomaly

160, 158, 164

Tritanomaly

139, 153, 171

Monochromacy



Original Color

138, 152, 165

Achromatopsia

157, 157, 157

Achromatomaly

150, 155, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 165, 163 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(138, 165, 163) looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 163)  
}
```

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(138, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 163) }
```

Border

The CSS property to change the border of an element to RYB 138, 152, 165 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(138, 165, 163) }
```

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

```
.border{ border-color:rgb(138, 165, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 165, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(138, 165,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 138, 152, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 163) }
```

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

```
.background{ background-color: rgb(138,  
165, 163) }
```

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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