

Converting Colors

RGB(154, 168, 189)

Have a look what the booklet for
RGB(154, 168, 189) contains.

RGB(154, 168, 189)	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

RGB(154, 168, 189)

Conversions

Conversions Part 1

Format	Color
Hex	9AA8BD
RGB	154, 168, 189
RGB Percent	60%, 66%, 74%
CMY	0.3961, 0.3412, 0.2588
CMYK	0.19, 0.11, 0.00, 0.26
HSL	216°, 21%, 67%
HSV	216°, 19%, 74%
XYZ	36.5144, 38.5494, 53.6604
YIQ	166.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

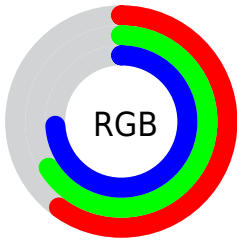
Format	Color
RYB	154, 164, 189
Decimal	10135741
CIELab	68.42, -0.42, -12.42
CIElCh	68, 12.426, 268.079
Yxy	38.5494, 0.2837, 0.2995
Android (android.graphics.Color)	4288325821 (0xFF9AA8BD)
YUV	166.2080, 11.2365, -10.7064
Hunter-Lab	62.0882, -3.6776, -7.7803

Details

The RGB color **154, 168, 189** is a light color, and the websafe version is hex **999999**. A complement of this color would be **189, 175, 154**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **209, 223, 245**, and **102, 116, 136** is the 20% darker color. If you saturate the color by 10%, you get **135, 157, 189**, and if you desaturate by 10%, it is **173, 179, 189**.

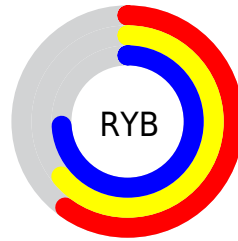
Distribution



Red (60%)

Green (66%)

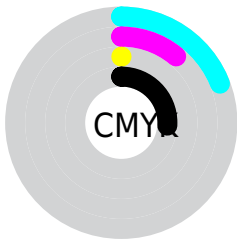
Blue (74%)



Red (60%)

Yellow (64%)

Blue (74%)

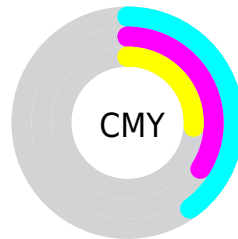


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (40%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 168, 189 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 RGB color 154, 168, 189 by changing the saturation by 10% instead.

 154, 168, 189

255, 255, 255

 209, 223, 245

 237, 252, 255

 154, 168, 189

 128, 142, 162

 102, 116, 136

 78, 92, 110


 55, 68, 86

 32, 46, 63

 10, 25, 41

 0, 1, 20

 0, 0, 0

 154, 168, 189

 154, 168, 189

■ 135, 157, 189

■ 173, 179, 189

■ 116, 145, 189

■ 192, 191, 189

■ 97, 134, 189

■ 211, 202, 189

■ 78, 123, 189

■ 230, 213, 189

■ 59, 111, 189

■ 249, 225, 189

■ 41, 100, 189

■ 255, 236, 189

■ 22, 89, 189

■ 255, 247, 189

■ 3, 77, 189

■ 255, 255, 189

■ 0, 76, 189

Harmonies

Analogous

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



143, 171, 185



154, 168, 189



168, 164, 187

Triad

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



154, 168, 189



191, 160, 157



152, 172, 155

Complementary

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



154, 168, 189



189, 175, 154

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.



164, 169, 147



154, 168, 189



186, 162, 148

Square

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



154, 168, 189



189, 159, 168



177, 166, 145



142, 173, 166

Rectangle

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



154, 168, 189



177, 162, 182



177, 166, 145



156, 171, 152

Sweetspot

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



154, 168, 189



230, 236, 245



154, 189, 175



114, 117, 122



250, 250, 250



122, 122, 122

Same Dimension

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



154, 168, 189



191, 212, 245



158, 154, 189



85, 89, 94



0, 63, 158



0, 12, 31

Inverse Universe

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



189, 154, 168



245, 191, 212



186, 189, 154



94, 85, 89



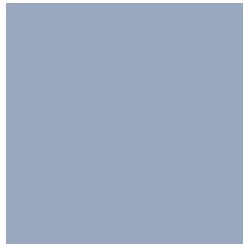
158, 0, 63



31, 0, 12

Previews

White Background



This preview shows how the RGB color 154, 168, 189 looks on a white background.

Color Contrast Check

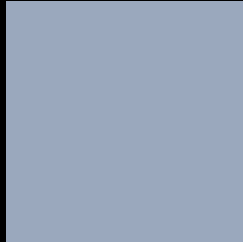
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 154, 168, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

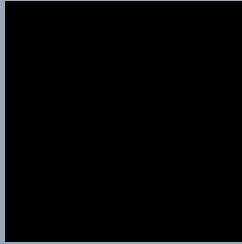
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

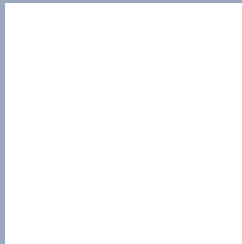
Any Text WCAG AAA ✓ Pass

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

RGB 154, 168, 189 Background



This preview shows how black text looks on a background with the RGB color 154, 168, 189.



This preview shows how white text looks on a background with the RGB color 154, 168, 189.

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](#).

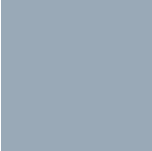
Dichromacy



Original Color
154, 168, 189

Protanopia
163, 165, 187

Deuteranopia
172, 162, 190



Tritanopia
153, 169, 183

Trichromacy



Original Color

154, 168, 189

Protanomaly

160, 166, 188

Deuteranomaly

165, 164, 190

Tritanomaly

153, 169, 185

Monochromacy



Original Color

154, 168, 189

Achromatopsia

166, 166, 166

Achromatomaly

162, 167, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 168, 189 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(154, 168, 189)` looks like.

```
.text, #text, p{  
    color:rgb(154, 168, 189)  
}
```

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(154, 168, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 168, 189) }
```

Border

The CSS property to change the border of an element to RGB 154, 168, 189 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(154, 168, 189) }
```

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

```
.border{ border-color:rgb(154, 168, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 168, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(154, 168,  
189) }
```

Background

The CSS property to change the background color of an element to RGB 154, 168, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 168, 189) }
```

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

```
.background{ background-color: rgb(154,  
168, 189) }
```

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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