

Converting Colors

RGB(149, 166, 186)

Have a look what the booklet for
RGB(149, 166, 186) contains.

RGB(149, 166, 186)	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(149, 166, 186)

Conversions

Conversions Part 1

Format	Color
Hex	95A6BA
RGB	149, 166, 186
RGB Percent	58%, 65%, 73%
CMY	0.4157, 0.3490, 0.2706
CMYK	0.20, 0.11, 0.00, 0.27
HSL	212°, 21%, 66%
HSV	212°, 20%, 73%
XYZ	34.8936, 37.2072, 51.7970
YIQ	163.1970, -16.5520, 2.6160

Conversions

Conversions Part 2

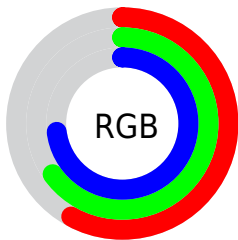
Format	Color
R_{YB}	149, 161, 186
Decimal	9807546
CIE _{Lab}	67.43, -1.60, -12.28
CIE _{LCh}	67, 12.383, 262.563
Yxy	37.2072, 0.2816, 0.3003
Android (android.graphics.Color)	4287997626 (0xFF95A6BA)
YUV	163.1970, 11.2419, -12.4508
Hunter-Lab	60.9977, -4.6355, -7.6485

Details

The RGB color **149, 166, 186** is a light color, and the websafe version is hex **999999**. A complement of this color would be **186, 169, 149**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **203, 221, 242**, and **98, 114, 133** is the 20% darker color. If you saturate the color by 10%, you get **130, 156, 186**, and if you desaturate by 10%, it is **168, 176, 186**.

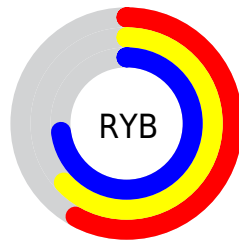
Distribution



Red (58%)

Green (65%)

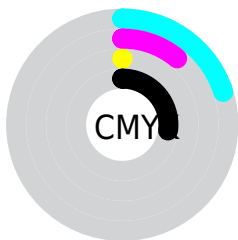
Blue (73%)



Red (58%)

Yellow (63%)

Blue (73%)

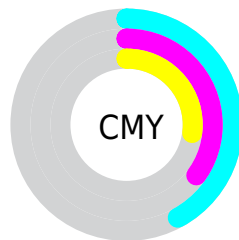


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 166, 186 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 149, 166, 186 by changing the saturation by 10% instead.


 149, 166, 186


255, 255, 255

 203, 221, 242


 232, 250, 255

 149, 166, 186

 123, 140, 159

 98, 114, 133

 73, 90, 108

 50, 66, 83

 28, 44, 60

 5, 24, 38

 0, 1, 17

 0, 0, 0

 149, 166, 186

 149, 166, 186

■ 130, 156, 186

■ 168, 176, 186

■ 112, 146, 186

■ 186, 186, 186

■ 93, 136, 186

■ 205, 196, 186

■ 75, 126, 186

■ 223, 206, 186

■ 56, 116, 186

■ 242, 216, 186

■ 37, 106, 186

■ 255, 226, 186

■ 19, 96, 186

■ 255, 236, 186

■ 0, 86, 186

■ 255, 246, 186

■ 0, 85, 186

■ 255, 255, 186

Harmonies

Analogous

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



139, 169, 181



149, 166, 186



163, 162, 185

Triad

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



149, 166, 186



188, 157, 156



151, 169, 150

Complementary

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



149, 166, 186



186, 169, 149

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, 166, 144



149, 166, 186



185, 159, 147

Square

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



149, 166, 186



185, 157, 167



176, 162, 142



141, 171, 161

Rectangle

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



149, 166, 186



172, 160, 181



176, 162, 142



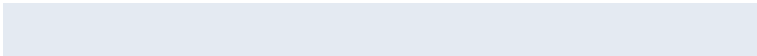
155, 168, 148

Sweetspot

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



149, 166, 186



228, 234, 242



149, 186, 169



114, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



149, 166, 186



184, 211, 242



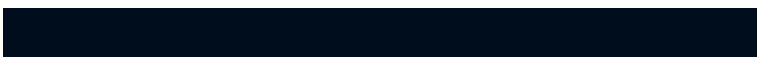
150, 149, 186



83, 87, 92



0, 71, 156



0, 13, 28

Inverse Universe

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



186, 149, 166



242, 184, 211



185, 186, 149



92, 83, 87



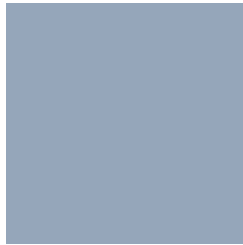
156, 0, 71



28, 0, 13

Previews

White Background



This preview shows how the RGB color 149, 166, 186 looks on a white background.

Color Contrast Check

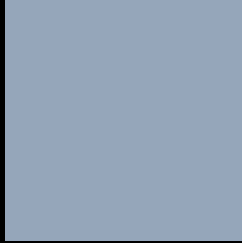
Large Text (above 18pt) WCAG AA × Fail

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 149, 166, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

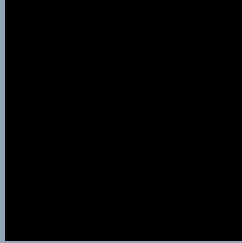
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

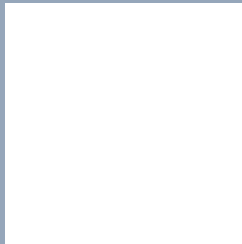
Any Text WCAG AAA ✓ Pass

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

RGB 149, 166, 186 Background



This preview shows how black text looks on a background with the RGB color 149, 166, 186.



This preview shows how white text looks on a background with the RGB color 149, 166, 186.

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](#).

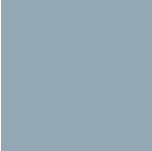
Dichromacy



Original Color
149, 166, 186

Protanopia
161, 163, 184

Deuteranopia
169, 160, 187



Tritanopia
148, 167, 180

Trichromacy



Original Color

149, 166, 186

Protanomaly

157, 164, 185

Deuteranomaly

162, 162, 187

Tritanomaly

148, 167, 182

Monochromacy



Original Color

149, 166, 186

Achromatopsia

163, 163, 163

Achromatomaly

158, 164, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 166, 186 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(149, 166, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 166, 186)  
}
```

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(149, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 166, 186) }
```

Border

The CSS property to change the border of an element to RGB 149, 166, 186 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(149, 166, 186) }
```

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

```
.border{ border-color:rgb(149, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(149, 166,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 149, 166, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 166, 186) }
```

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

```
.background{ background-color: rgb(149,  
166, 186) }
```

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