

Converting Colors

RGB(151, 168, 212)

Have a look what the booklet for
RGB(151, 168, 212) contains.

RGB(151, 168, 212)	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(151, 168, 212)

Conversions

Conversions Part 1

Format	Color
Hex	97A8D4
RGB	151, 168, 212
RGB Percent	59%, 66%, 83%
CMY	0.4078, 0.3412, 0.1686
CMYK	0.29, 0.21, 0.00, 0.17
HSL	223°, 41%, 71%
HSV	223°, 29%, 83%
XYZ	38.6488, 39.3380, 67.8433
YIQ	167.9330, -24.2560, 10.0800

Conversions

Conversions Part 2

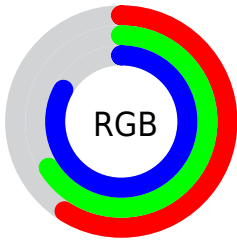
Format	Color
R_{YB}	151, 164, 212
Decimal	9939156
CIE _{Lab}	69.00, 4.07, -24.28
CIE _{LCh}	69, 24.617, 279.510
Yxy	39.3380, 0.2650, 0.2698
Android (android.graphics.Color)	4288129236 (0xFF97A8D4)
YUV	167.9330, 21.7250, -14.8502
Hunter-Lab	62.7200, 0.2336, -20.2291

Details

The RGB color **151, 168, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212, 195, 151**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **206, 223, 255**, and **98, 116, 157** is the 20% darker color. If you saturate the color by 10%, you get **130, 153, 212**, and if you desaturate by 10%, it is **172, 183, 212**.

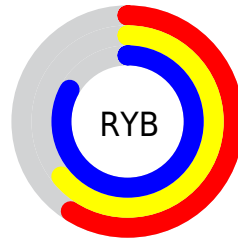
Distribution



Red (59%)

Green (66%)

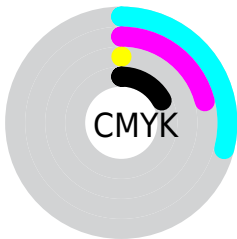
Blue (83%)



Red (59%)

Yellow (64%)

Blue (83%)

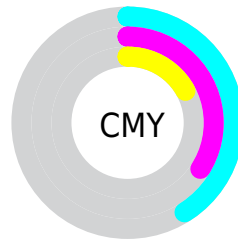


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 168, 212 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 151, 168, 212 by changing the saturation by 10% instead.

■ 151, 168, 212

255, 255, 255

■ 206, 223, 255

■ 235, 252, 255

■ 151, 168, 212

■ 124, 142, 184

■ 98, 116, 157

■ 73, 92, 131

■ 48, 68, 106

■ 22, 46, 81

■ 0, 26, 58

■ 0, 2, 37

■ 0, 1, 13

■ 0, 0, 0

■ 151, 168, 212

■ 151, 168, 212

■ 130, 153, 212

■ 172, 183, 212

■ 109, 137, 212

■ 193, 199, 212

■ 87, 122, 212

■ 215, 214, 212

■ 66, 107, 212

■ 236, 229, 212

■ 45, 92, 212

■ 255, 244, 212

■ 24, 76, 212

■ 255, 255, 212

■ 3, 61, 212

■ 0, 59, 212

Harmonies

Analogous

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



121, 175, 209



151, 168, 212



181, 160, 203

Triad

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



151, 168, 212



211, 155, 141



128, 180, 152

Complementary

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



151, 168, 212



212, 195, 151

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.



153, 176, 134



151, 168, 212



198, 162, 127

Square

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



151, 168, 212



213, 152, 162



178, 169, 124



108, 181, 175

Rectangle

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



151, 168, 212



197, 156, 191



178, 169, 124



136, 179, 145

Sweetspot

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



151, 168, 212



232, 238, 255



151, 212, 195



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 168, 212



166, 191, 255



164, 151, 212



96, 99, 107



0, 48, 171



0, 12, 43

Inverse Universe

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



212, 151, 168



255, 166, 191



199, 212, 151



107, 96, 99



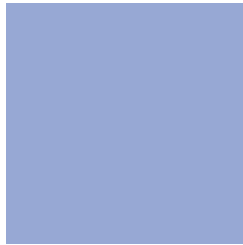
171, 0, 48



43, 0, 12

Previews

White Background



This preview shows how the RGB color 151, 168, 212 looks on a white background.

Color Contrast Check

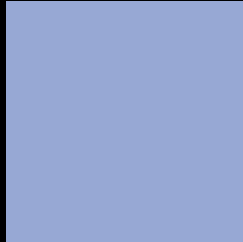
Large Text (above 18pt) WCAG AA × Fail

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 151, 168, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

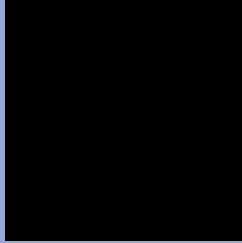
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

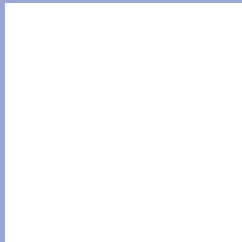
Any Text WCAG AAA ✓ Pass

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

RGB 151, 168, 212 Background



This preview shows how black text looks on a background with the RGB color 151, 168, 212.



This preview shows how white text looks on a background with the RGB color 151, 168, 212.

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](#).

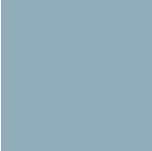
Dichromacy



Original Color
151, 168, 212

Protanopia
157, 166, 211

Deuteranopia
161, 165, 213



Tritanopia
146, 173, 186

Trichromacy



Original Color

151, 168, 212

Protanomaly

155, 167, 211

Deuteranomaly

157, 166, 213

Tritanomaly

148, 171, 195

Monochromacy



Original Color

151, 168, 212

Achromatopsia

168, 168, 168

Achromatomaly

162, 168, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 168, 212 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(151, 168, 212)` looks like.

```
.text, #text, p{  
    color:rgb(151, 168, 212)  
}
```

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(151, 168, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 168, 212) }
```

Border

The CSS property to change the border of an element to RGB 151, 168, 212 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(151, 168, 212) }
```

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

```
.border{ border-color:rgb(151, 168, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 168, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 168, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 168, 212);  
box-shadow:4px 4px 4px 4px rgb(151, 168,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 151, 168, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 168, 212) }
```

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

```
.background{ background-color: rgb(151,  
168, 212) }
```

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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