

Converting Colors

RGB(151, 148, 153)

Have a look what the booklet for
RGB(151, 148, 153) contains.

RGB(151, 148, 153)	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, 148, 153)

Conversions

Conversions Part 1

Format	Color
Hex	979499
RGB	151, 148, 153
RGB Percent	59%, 58%, 60%
CMY	0.4078, 0.4196, 0.4000
CMYK	0.01, 0.03, 0.00, 0.40
HSL	276°, 2%, 59%
HSV	276°, 3%, 60%
XYZ	29.1022, 30.0590, 34.4051
YIQ	149.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

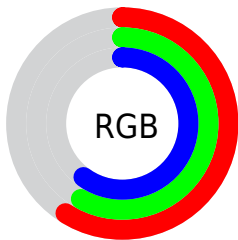
Format	Color
R_{YB}	151, 148, 153
Decimal	9933977
CIE _{Lab}	61.71, 2.07, -2.25
CIE _{LCh}	62, 3.054, 312.574
Yxy	30.0590, 0.3110, 0.3213
Android (android.graphics.Color)	4288124057 (0xFF979499)
YUV	149.4670, 1.7418, 1.3444
Hunter-Lab	54.8261, -1.1964, 1.1719

Details

The RGB color **151, 148, 153** is a light color, and the websafe version is hex **999999**. A complement of this color would be **150, 153, 148**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **205, 202, 207**, and **100, 97, 102** is the 20% darker color. If you saturate the color by 10%, you get **145, 133, 153**, and if you desaturate by 10%, it is **157, 163, 153**.

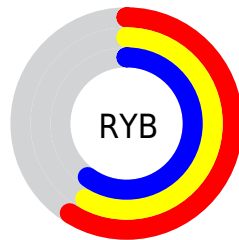
Distribution



Red (59%)

Green (58%)

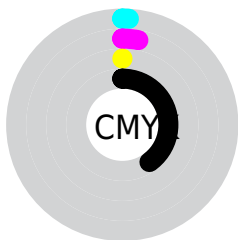
Blue (60%)



Red (59%)

Yellow (58%)

Blue (60%)

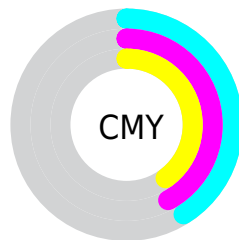


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (40%)



Cyan (41%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 148, 153 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, 148, 153 by changing the saturation by 10% instead.

 151, 148, 153

255, 255, 255

 205, 202, 207

 233, 230, 235

 151, 148, 153

 125, 122, 127

 100, 97, 102

 76, 74, 78

 54, 51, 55

 32, 30, 34

 9, 5, 12

 0, 0, 0

 151, 148, 153

 145, 133, 153

 151, 148, 153

 157, 163, 153

139, 117, 153

163, 179, 153

133, 102, 153

169, 194, 153

127, 87, 153

175, 209, 153

120, 72, 153

182, 225, 153

114, 56, 153

188, 240, 153

108, 41, 153

194, 255, 153

102, 26, 153

200, 255, 153

96, 10, 153

206, 255, 153

Harmonies

Analogous

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



148, 149, 154



151, 148, 153



154, 147, 151

Triad

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



151, 148, 153



153, 148, 144



143, 151, 150

Complementary

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



151, 148, 153



150, 153, 148

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.



144, 151, 147



151, 148, 153



150, 149, 144

Square

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



151, 148, 153



155, 148, 145



147, 150, 145



143, 150, 153

Rectangle

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



151, 148, 153



155, 147, 149



147, 150, 145



143, 151, 149

Sweetspot

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



151, 148, 153



198, 197, 199



148, 150, 153



99, 98, 99



227, 227, 227



99, 99, 99

Same Dimension

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



151, 148, 153



196, 191, 199



153, 148, 153



75, 73, 77



84, 0, 140



8, 0, 13

Inverse Universe

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



153, 148, 150



199, 191, 194



148, 153, 149



77, 73, 74



140, 0, 56



13, 0, 5

Previews

White Background



This preview shows how the RGB color 151, 148, 153 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, 148, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

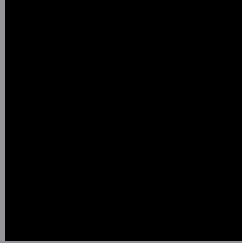
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

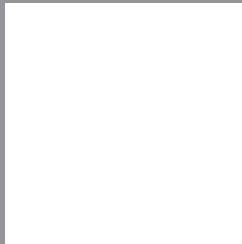
Any Text WCAG AAA ✓ Pass

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

RGB 151, 148, 153 Background



This preview shows how black text looks on a background with the RGB color 151, 148, 153.



This preview shows how white text looks on a background with the RGB color 151, 148, 153.

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, 148, 153

Protanopia

150, 148, 153

Deuteranopia

161, 144, 154



Tritanopia
152, 147, 159

Trichromacy



Original Color

151, 148, 153

Protanomaly

150, 148, 153

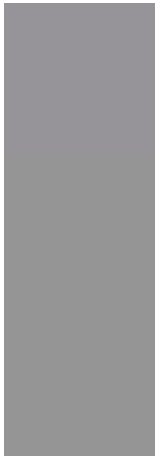
Deuteranomaly

157, 145, 154

Tritanomaly

152, 147, 157

Monochromacy



Original Color

151, 148, 153

Achromatopsia

149, 149, 149

Achromatomaly

150, 149, 150

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 148, 153 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, 148, 153) looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 153)  
}
```

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, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 153) }
```

Border

The CSS property to change the border of an element to RGB 151, 148, 153 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, 148, 153) }
```

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

```
.border{ border-color:rgb(151, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(151, 148,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 151, 148, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 153) }
```

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

```
.background{ background-color: rgb(151,  
148, 153) }
```

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