

Converting Colors

HunterLab(51.4303, 1.0006,
4.9178)

Have a look what the booklet for
HunterLab(51.4303, 1.0006, 4.9178)
contains.

HunterLab(51.5110, 0.9749, 4.9478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.5110, 0.9749,
4.9478)**

Conversions

Conversions Part 1

Format	Color
Hex	978A88
RGB	151, 138, 136
RGB Percent	59%, 54%, 53%
CMY	0.4078, 0.4588, 0.4667
CMYK	0.00, 0.09, 0.10, 0.41
HSL	8°, 7%, 56%
HSV	8°, 10%, 59%
XYZ	26.2949, 26.5338, 27.0282
YIQ	141.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

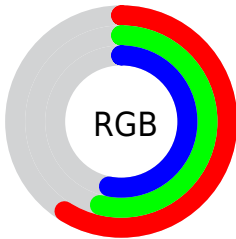
Format	Color
R_{YB}	151, 138, 136
Decimal	9931400
CIE _{Lab}	58.54, 4.50, 2.82
CIE _{LCh}	59, 5.314, 32.108
Yxy	26.5350, 0.3293, 0.3323
Android (android.graphics.Color)	4288121480 (0xFF978A88)
YUV	141.6590, -2.7899, 8.1921
Hunter-Lab	51.5110, 0.9749, 4.9478

Details

The HunterLab color $51.5110, 0.9749, 4.9478$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53.8172, -6.3299, 0.7953$, and the grayscale version is $51.8824, -2.7683, 2.8189$.

A 20% lighter version of the original color is $73.4267, 0.3288, 6.3760$, and $32.1880, 1.4832, 3.6430$ is the 20% darker color. If you saturate the color by 10%, you get $47.5440, 5.1438, 6.8680$, and if you desaturate by 10%, it is $55.6583, -2.9941, 3.0095$.

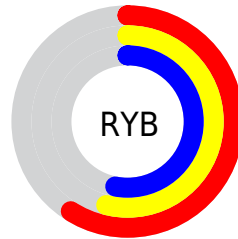
Distribution



Red (59%)

Green (54%)

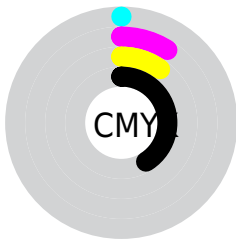
Blue (53%)



Red (59%)

Yellow (54%)

Blue (53%)

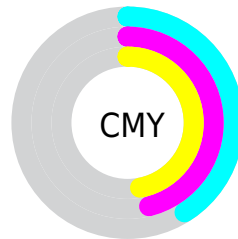


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5110, 0.9749, 4.9478 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 HunterLab color 51.5110, 0.9749, 4.9478 by changing the saturation by 10% instead.

■ 51.5110, 0.9749,
4.9478

■ 51.5110, 0.9749,
4.9478

168.9374, -3.5312,
12.4209

■ 41.5022, 1.2568,
4.2479

■ 73.5777, 0.2526,
6.4317

■ 32.2406, 1.4805,
3.5746

■ 85.5550, -0.1761,
7.2130

■ 23.7935, 1.6356,
2.9284

■ 98.1199, -0.6459,
8.0201

■ 16.2489, 1.7088,
2.3073

111.2458, -1.1541,
8.8523

■ 9.7311, 1.6788,
1.7418

124.9100, -1.6985,
9.7090

0.0000, NaN, NaN

139.0918, -2.2772,

0.0000, NaN, NaN

10.5898

0.0000, NaN, NaN

153.7731, -2.8886,
11.4939

0.0000, NaN, NaN

■ 51.5110, 0.9749,
4.9478

■ 51.5110, 0.9749,
4.9478

■ 47.5440, 5.1438,
6.8680

■ 55.6583, -2.9941,
3.0095

■ 43.7813, 9.5311,
8.7522

■ 59.9602, -6.7790,
1.0597

■ 40.2570, 14.1352,
10.5762

■ 64.3997, -10.4034,
-0.8961

■ 37.0112, 18.9292,
12.3005

■ 68.9618, -13.8882,
-2.8555

■ 34.0904, 23.8407,
13.8674

■ 73.6341, -17.2531,
-4.8175

■ 31.5460, 28.7300,
15.1991

■ 78.4063, -20.5151,
-6.7822

■ 29.4301, 33.3748,
16.2037

■ 83.2698, -23.6894,
-8.7500

■ 27.7861, 37.4787,
16.7974

■ 88.1512, -27.1676,
-9.7899

■ 26.6246, 40.6818,
17.1118

■ 92.3685, -32.9948,
-4.3880

Harmonies

Analogous

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



51.5121, 1.6541, 2.9554



51.5110, 0.9749, 4.9478



51.5121, -0.7070, 6.3182

Triad

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



51.5121, 0.9735, 4.9486



51.5121, -6.5281, 4.6966



51.5121, -2.5917, -1.4910

Complementary

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



51.5110, 0.9749, 4.9478



53.8172, -6.3299, 0.7953

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.



51.5121, -4.7642, -0.9767



51.5110, 0.9749, 4.9478



51.5121, -7.0135, 2.6520

Square

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



51.5121, 0.9735, 4.9486



51.5121, -5.0359, 6.1771



51.5121, -6.3732, 0.5629



51.5121, -0.4262, -0.8140

Rectangle

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



51.5110, 0.9749, 4.9478



51.5121, -2.1545, 6.7248



51.5121, -6.3732, 0.5629



51.5121, -3.3454, -1.4516

Sweetspot

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



51.5121, 0.9735, 4.9486



72.7252, -2.3743, 4.8408



51.3400, 4.0007, -1.1316



34.4662, -0.9382, 2.4033



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.5121, 0.9735, 4.9486



67.6879, 2.5652, 7.2178



53.6294, -2.6244, 7.2488



25.1975, 0.3358, 2.3418



24.6043, 37.3670, 15.8152



3.4732, 3.2135, 2.1964

Inverse Universe

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



53.8172, -6.3299, 0.7953



71.4785, -9.4507, 0.3866



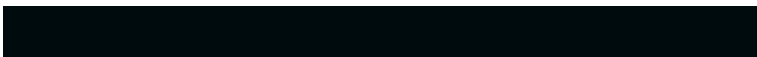
51.6396, -2.7835, -1.8446



26.2409, -2.9698, 0.4618



39.6274, -16.8560, -13.1435



5.1851, -2.4897, -1.1064

Previews

White Background



This preview shows how the HunterLab color 51.5110, 0.9749, 4.9478 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.5110, 0.9749, 4.9478 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

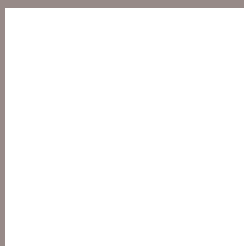
Any Text WCAG AAA × Fail

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

HunterLab 51.5110, 0.9749, 4.9478 Background



This preview shows how black text looks on a background with the HunterLab color 51.5110, 0.9749, 4.9478.



This preview shows how white text looks on a background with the HunterLab color 51.5110, 0.9749,

4.9478.

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

51.5110, 0.9749, 4.9478

Protanopia

51.4700, -2.0015, 4.4178

Deuteranopia

51.4333, 3.5513, 4.9045



Tritanopia

51.4657, 4.2995, -0.0121

Trichromacy



Original Color

51.5110, 0.9749, 4.9478

Protanomaly

51.4533, -0.6061, 4.4231

Deuteranomaly

51.5159, 2.4167, 4.9787

Tritanomaly

51.5266, 2.8517, 1.8984

Monochromacy



Original Color

51.5110, 0.9749, 4.9478

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.9259, -1.7143, 3.6368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5110, 0.9749, 4.9478 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, 138, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 138, 136)  
}
```

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, 138, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 138, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5110, 0.9749, 4.9478 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, 138, 136) }
```


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

```
.border{ border-color:rgb(151, 138, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 138, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 138, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 138, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 138,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5110, 0.9749, 4.9478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 138, 136) }
```

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

```
.background{ background-color: rgb(151,  
138, 136) }
```

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