

Converting Colors

HunterLab(51.9839, -0.2429,
4.7370)

Have a look what the booklet for
HunterLab(51.9839, -0.2429, 4.7370)
contains.

HunterLab(51.9430, -0.3152, 4.5557)	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(51.9430, -0.3152,
4.5557)

Conversions

Conversions Part 1

Format	Color
Hex	958C8A
RGB	149, 140, 138
RGB Percent	58%, 55%, 54%
CMY	0.4157, 0.4510, 0.4588
CMYK	0.00, 0.06, 0.07, 0.42
HSL	11°, 5%, 56%
HSV	11°, 7%, 58%
XYZ	26.3600, 26.9808, 27.8633
YIQ	142.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

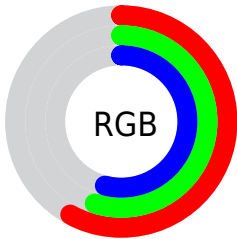
Format	Color
R_{YB}	149, 140, 138
Decimal	9800842
CIE _{Lab}	58.96, 2.98, 2.26
CIE _{LCh}	59, 3.737, 37.219
Yxy	26.9819, 0.3246, 0.3323
Android (android.graphics.Color)	4287990922 (0xFF958C8A)
YUV	142.4630, -2.2003, 5.7329
Hunter-Lab	51.9430, -0.3152, 4.5557

Details

The HunterLab color $51.9430, -0.3152, 4.5557$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53.3294, -5.1640, 1.1587$, and the grayscale version is $52.2025, -2.7854, 2.8363$.

A 20% lighter version of the original color is $74.1901, -1.5352, 6.2978$, and $32.5785, 0.2693, 3.2771$ is the 20% darker color. If you saturate the color by 10%, you get $48.1796, 3.3853, 6.6463$, and if you desaturate by 10%, it is $55.8613, -3.8266, 2.4131$.

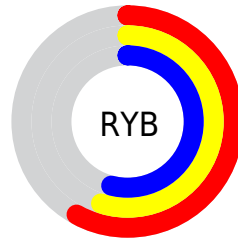
Distribution



Red (58%)

Green (55%)

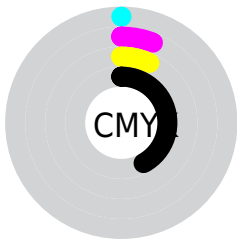
Blue (54%)



Red (58%)

Yellow (55%)

Blue (54%)

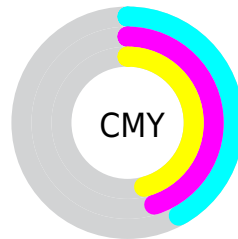


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (42%)



Cyan (42%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9430, -0.3152, 4.5557 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 51.9430, -0.3152, 4.5557 by changing the saturation by 10% instead.

■ 51.9430, -0.3152,
4.5557

■ 51.9430, -0.3152,
4.5557

■ 169.5788, -5.4295,
11.8204

■ 41.9042, 0.0531,
3.8862

■ 74.0641, -1.1948,
5.9848

■ 32.6103, 0.3698,
3.2461

■ 86.0664, -1.6962,
6.7412

■ 24.1278, 0.6265,
2.6368

■ 98.6551, -2.2352,
7.5245

■ 16.5434, 0.8126,
2.0577

■ 111.8039, -2.8098,
8.3340

■ 9.9797, 0.9114,
1.5099

■ 125.4900, -3.4181,
9.1690

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.6930, -4.0584,

10.0289

0.0000, NaN, NaN

154.3947, -4.7293,
10.9128

0.0000, NaN, NaN

■ 51.9430, -0.3152,
4.5557

■ 51.9430, -0.3152,
4.5557

■ 48.1796, 3.3853,
6.6463

■ 55.8613, -3.8266,
2.4131

■ 44.5893, 7.2961,
8.6640

■ 59.9133, -7.1649,
0.2284

■ 41.1994, 11.4248,
10.5829

■ 64.0852, -10.3521,
-1.9892

■ 38.0410, 15.7641,
12.3650

■ 68.3649, -13.4073,
-4.2340

■ 35.1508, 20.2777,
13.9583

■ 72.7421, -16.3480,
-6.5024

■ 32.5700, 24.8844,
15.2956

■ 77.2081, -19.1898,
-8.7916

■ 30.3424, 29.4408,
16.2991

■ 81.7556, -21.9461,
-11.1002

■ 28.5095, 33.7336,
16.8952

■ 86.2958, -25.1005,
-12.2652

■ 27.0978, 37.4775,
17.1085

■ 90.4370, -30.8907,
-6.8383

Harmonies

Analogous

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



51.9441, 0.2945, 3.1917



51.9430, -0.3152, 4.5557



51.9441, -1.5849, 5.4388

Triad

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



51.9441, -0.3166, 4.5565



51.9441, -5.5641, 3.9413



51.9441, -2.3895, -0.1422

Complementary

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



51.9430, -0.3152, 4.5557



53.3294, -5.1640, 1.1587

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.



51.9441, -3.9532, 0.0731



51.9430, -0.3152, 4.5557



51.9441, -5.7737, 2.4605

Square

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



51.9441, -0.3166, 4.5565



51.9441, -4.6113, 5.0912



51.9441, -5.1873, 1.0368



51.9441, -0.9116, 0.4571

Rectangle

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



51.9430, -0.3152, 4.5557



51.9441, -2.6260, 5.6501



51.9441, -5.1873, 1.0368



51.9441, -2.9227, -0.1630

Sweetspot

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



51.9441, -0.3166, 4.5565



72.2894, -2.9630, 4.5732



51.6515, 2.0983, 0.0990



34.0627, -1.4233, 2.1354



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.9441, -0.3166, 4.5565



68.5902, 0.4485, 6.6070



53.4582, -2.8674, 6.2221



24.4461, 0.1624, 2.3565



24.6495, 34.9329, 15.8004



3.2578, 2.3989, 2.0494

Inverse Universe

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



53.3294, -5.1640, 1.1587



70.8915, -7.6063, 0.9619



51.7886, -2.6359, -0.6869



25.2676, -2.7132, 0.3412



36.8161, -13.8604, -16.0962



4.5107, -2.0988, -1.1073

Previews

White Background



This preview shows how the HunterLab color 51.9430, -0.3152, 4.5557 looks on a white background.

Color Contrast Check

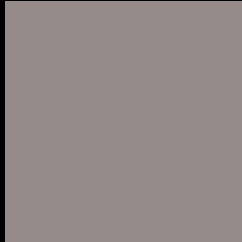
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9430, -0.3152, 4.5557 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

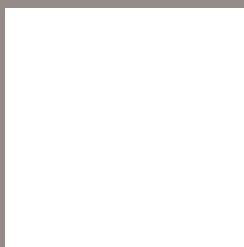
Any Text WCAG AAA × Fail

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

HunterLab 51.9430, -0.3152, 4.5557 Background



This preview shows how black text looks on a background with the HunterLab color 51.9430, -0.3152, 4.5557.



This preview shows how white text looks on a background with the HunterLab color 51.9430, -0.3152,

4.5557.

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

51.9430, -0.3152, 4.5557

Protanopia

51.8976, -1.8688, 4.0409

Deuteranopia

51.8879, 3.8354, 4.1296



Tritanopia

51.8905, 3.0188, -0.4609

Trichromacy



Original Color

51.9430, -0.3152, 4.5557

Protanomaly

51.9854, -1.5650, 4.1475

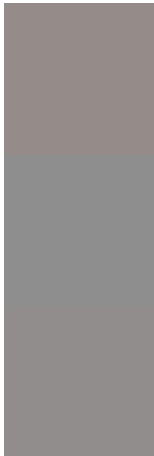
Deuteranomaly

51.8759, 2.3801, 4.0903

Tritanomaly

51.9554, 1.5695, 1.4723

Monochromacy



Original Color

51.9430, -0.3152, 4.5557

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

51.9544, -1.5587, 3.2295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9430, -0.3152, 4.5557 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, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(149, 140, 138)  
}
```

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, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 140, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9430, -0.3152, 4.5557 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, 140, 138) }
```


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

```
.border{ border-color:rgb(149, 140, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 140, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 140, 138);  
box-shadow:4px 4px 4px 4px rgb(149, 140,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9430, -0.3152, 4.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 140, 138) }
```

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

```
.background{ background-color: rgb(149,  
140, 138) }
```

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