

# Converting Colors

HunterLab(49.0542, 0.1550,  
2.1454)

Have a look what the booklet for  
HunterLab(49.0542, 0.1550, 2.1454)  
contains.

**HunterLab(49.1203, -0.0302, 2.1523) ..... 3**  
    ***Conversions*** ..... 4  
    ***Details*** ..... 6  
    ***Harmonies*** ..... 12  
    ***Previews*** ..... 24  
    ***Color Blindness Simulation*** ..... 28  
    ***CSS Examples*** ..... 31

# Color

**HunterLab(49.1203, -0.0302,  
2.1523)**

# Conversions

Conversions Part 1	
Format	Color
Hex	8C8588
RGB	140, 133, 136
RGB Percent	55%, 52%, 53%
CMY	0.4510, 0.4784, 0.4667
CMYK	0.00, 0.05, 0.03, 0.45
HSL	334°, 3%, 54%
HSV	334°, 5%, 55%
XYZ	23.6466, 24.1280, 26.7033
YIQ	135.4350, 3.2090, 2.4170

# Conversions

## Conversions Part 2

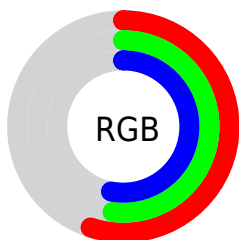
Format	Color
<a href="#">RYB</a>	<a href="#">140, 133, 136</a>
Decimal	<a href="#">9209224</a>
CIELab	<a href="#">56.22, 3.19, -0.68</a>
CIELCh	<a href="#">56, 3.266, 348.021</a>
Yxy	<a href="#">24.1291, 0.3175, 0.3240</a>
Android (android.graphics.Color)	<a href="#">4287399304</a> (0xFF8C8588)
YUV	<a href="#">135.4350, 0.2785, 4.0035</a>
Hunter-Lab	<a href="#">49.1203, -0.0302, 2.1523</a>

# Details

The HunterLab color  $49.1203, -0.0302, 2.1523$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $50.5464, -5.2310, 3.2926$ , and the grayscale version is  $49.3934, -2.6355, 2.6836$ .

A 20% lighter version of the original color is  $70.8952, -0.7136, 3.4096$ , and  $30.3087, 0.3558, 1.4597$  is the 20% darker color. If you saturate the color by 10%, you get  $45.0870, 5.4590, 1.0237$ , and if you desaturate by 10%, it is  $53.3458, -5.4067, 3.4495$ .

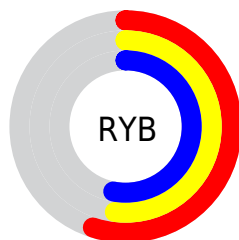
# Distribution



Red (55%)

Green (52%)

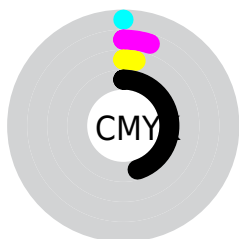
Blue (53%)



Red (55%)

Yellow (52%)

Blue (53%)

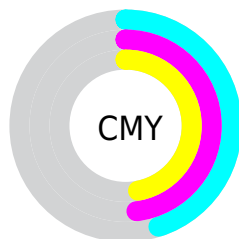


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (45%)



Cyan (45%)

Magenta (48%)


Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1203, -0.0302, 2.1523 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 49.1203, -0.0302, 2.1523 by changing the saturation by 10% instead.





 49.1203, -0.0302,  
2.1523


 49.1203, -0.0302,  
2.1523


165.3700, -4.9695,  
8.2235


 39.2803, 0.3120,  
1.6544


 70.8807, -0.8631,  
3.2705

 30.2015, 0.5998,  
1.2003


 82.7173, -1.3433,  
3.8840

 21.9554, 0.8237,  
0.7954

 95.1480, -1.8624,  
4.5313

 14.6365, 0.9717,  
0.4466

108.1457, -2.4181,  
5.2108

 8.2960, 1.2348,  
0.1129

121.6867, -3.0082,  
5.9209

0.0000, NaN, NaN

0.0000, NaN, NaN


135.7499, -3.6312,


6.6605


0.0000, NaN, NaN


150.3166, -4.2854,  
7.4283


0.0000, NaN, NaN


 49.1203, -0.0302,  
2.1523


 49.1203, -0.0302,  
2.1523


 45.0870, 5.4590,  
1.0237


 53.3458, -5.4067,  
3.4495


 41.2738, 11.0535,  
0.1029


 57.7353, -10.6701,  
4.8808


 37.7199, 16.7141,  
-0.5561

 62.2698, -15.8318,  
6.4227

 34.4716, 22.3573,  
-0.8880

 66.9327, -20.9046,  
8.0564

 31.5834, 27.8298,  
-0.8191

 71.7108, -25.9019,  
9.7677

■ 29.1147, 32.8865,  
-0.2776

■ 76.5929, -30.8361,  
11.5452

■ 27.1231, 37.1917,  
0.7826

■ 81.5697, -35.7186,  
13.3804

■ 25.6506, 40.3755,  
2.3505

■ 86.6337, -40.5594,  
15.2661

■ 24.6929, 42.2030,  
4.3174

■ 90.3609, -43.6290,  
15.7492

# Harmonies

## Analogous

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



49.1214, -0.6586, 0.9755



49.1203, -0.0302, 2.1523



49.1214, -0.1044, 3.4394

# Triad

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



49.1214, -0.0314, 2.1531



49.1214, -3.4324, 4.9878



49.1214, -4.3657, 0.7826

# Complementary

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



49.1203, -0.0302, 2.1523



50.5464, -5.2310, 3.2926

# 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.



49.1214, -5.0930, 1.8956



49.1203, -0.0302, 2.1523



49.1214, -4.5583, 4.3136

# Square

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



49.1214, -0.0314, 2.1531



49.1214, -2.0780, 5.0525



49.1214, -5.1632, 3.1889



49.1214, -3.1668, 0.1699



# Rectangle

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



49.1203, -0.0302, 2.1523



49.1214, -0.5402, 4.1860



49.1214, -5.1632, 3.1889



49.1214, -4.6729, 1.1120

# Sweetspot

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



49.1214, -0.0314, 2.1531



67.4255, -2.8986, 3.5195



48.9746, -0.2982, 0.1356



32.3838, -1.4143, 1.6949



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734



# Same Dimension

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



49.1214, -0.0314, 2.1531



64.6052, 0.7733, 2.6777



49.1661, -0.7184, 3.5223



23.0747, 0.3471, 0.9431



22.9074, 40.5104, 4.8731



1.9416, 3.5716, -0.6568



# Inverse Universe

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



49.1214, -0.0314, 2.1531



64.6052, 0.7733, 2.6777



50.4981, -4.5364, 1.9064



23.0747, 0.3471, 0.9431



22.9074, 40.5104, 4.8731

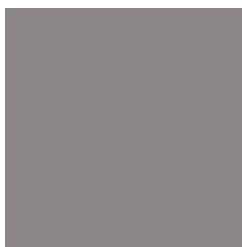


1.9416, 3.5716, -0.6568



# Previews

## White Background



This preview shows how the HunterLab color 49.1203, -0.0302, 2.1523 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

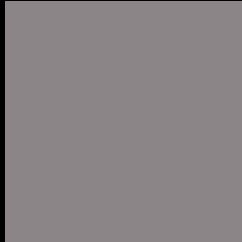
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 49.1203, -0.0302, 2.1523 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

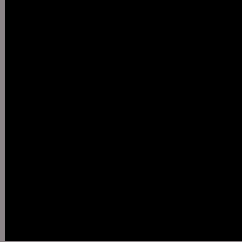
Any Text WCAG AA ✓ Pass

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 49.1203, -0.0302, 2.1523 Background



This preview shows how black text looks on a background with the HunterLab color 49.1203, -0.0302, 2.1523.



This preview shows how white text looks on a background with the HunterLab color 49.1203, -0.0302, 2.1523.



# 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

49.1203, -0.0302, 2.1523

### Protanopia

49.1678, -1.2478, 1.7359

### Deuteranopia

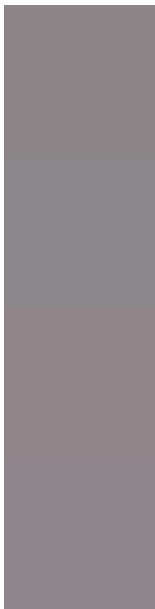
49.2069, 3.0994, 2.3099



## Tritanopia

49.1103, 1.7189, -0.6041

# Trichromacy



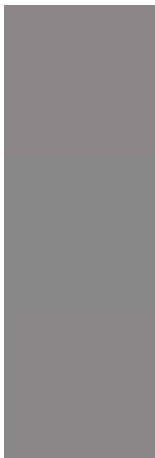
**Original Color**  
49.1203, -0.0302, 2.1523

**Protanomaly**  
49.2540, -0.9504, 1.8442

**Deuteranomaly**  
49.2030, 1.6764, 2.2803

**Tritanomaly**  
49.0497, 1.3917, 0.2577

# Monochromacy



**Original Color**  
49.1203, -0.0302, 2.1523

**Achromatopsia**  
49.2221, -2.6264, 2.6743

**Achromatomaly**  
49.1099, -1.5634, 2.5608

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.1203, -0.0302, 2.1523 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(140, 133, 136) looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 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(140, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 136) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.1203, -0.0302, 2.1523 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(140, 133, 136) }
```



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

```
.border{ border-color:rgb(140, 133, 136) }
```

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

Here you see how a box with a 4 pixel rgb(140, 133, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
136) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.1203, -0.0302, 2.1523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 136) }
```

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

```
.background{ background-color: rgb(140,  
133, 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