

# Converting Colors

HunterLab(49.7226, -5.8174,  
22.4288)

Have a look what the booklet for  
HunterLab(49.7226, -5.8174,  
22.4288) contains.

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# Color

**HunterLab(49.8023, -5.9919,  
22.4430)**

# Conversions

Conversions Part 1	
Format	Color
Hex	95894C
RGB	149, 137, 76
RGB Percent	58%, 54%, 30%
CMY	0.4157, 0.4627, 0.7020
CMYK	0.00, 0.08, 0.49, 0.42
HSL	50°, 32%, 44%
HSV	50°, 49%, 58%
XYZ	22.6446, 24.8027, 10.4314
YIQ	133.6340, 26.7330, -16.4270

# Conversions

## Conversions Part 2

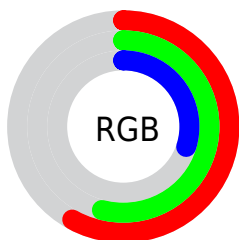
Format	Color
<a href="#">RYB</a>	<a href="#">90, 149, 76</a>
Decimal	<a href="#">9800012</a>
CIELab	<a href="#">56.88, -4.19, 34.15</a>
CIELCh	<a href="#">57, 34.401, 96.991</a>
Yxy	<a href="#">24.8038, 0.3912, 0.4285</a>
Android (android.graphics.Color)	<a href="#">4287990092</a> (0xFF95894C)
YUV	<a href="#">133.6340, -28.4136, 13.4760</a>
Hunter-Lab	<a href="#">49.8023, -5.9919, 22.4430</a>

# Details

The HunterLab color **49.8023, -5.9919, 22.4430** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **32.6887, 7.7483, -31.2941**, and the grayscale version is **48.7834, -2.6030, 2.6505**.

A 20% lighter version of the original color is **71.6327, -7.3513, 27.6734**, and **30.6462, -4.3911, 16.5583** is the 20% darker color. If you saturate the color by 10%, you get **48.9201, -5.9146, 24.6726**, and if you desaturate by 10%, it is **50.7344, -5.8344, 19.6195**.

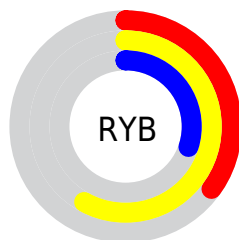
# Distribution



Red (58%)

Green (54%)

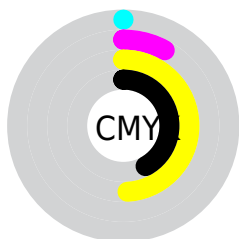
Blue (30%)



Red (35%)

Yellow (58%)

Blue (30%)

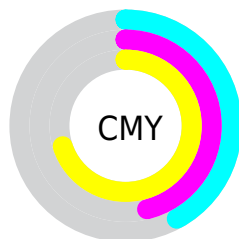


Cyan (0%)

Magenta (8%)

Yellow (49%)

Black (42%)



Cyan (42%)

Magenta (46%)


Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8023, -5.9919, 22.4430 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 49.8023, -5.9919, 22.4430 by changing the saturation by 10% instead.





 49.8023, -5.9919,  
22.4430


 49.8023, -5.9919,  
22.4430

166.3910,  
-13.9076, 43.6675


 39.9136, -5.2217,  
19.6553


 71.6511, -7.6011,  
27.6275

 30.7820, -4.4694,  
16.6840


 83.5283, -8.4375,  
30.0767


 22.4778, -3.7338,  
13.4835

 95.9976, -9.2958,  
32.4554

 15.0934, -3.0091,  
10.5654

 109.0322,  
-10.1757, 34.7768

 8.7297, -2.5562,  
6.1108

 122.6086,  
-11.0772, 37.0512

0.0000, NaN, NaN

0.0000, NaN, NaN


136.7060,


-11.9999, 39.2869


0.0000, NaN, NaN


151.3057,  
-12.9434, 41.4905


0.0000, NaN, NaN


 49.8023, -5.9919,  
22.4430


 49.8023, -5.9919,  
22.4430


 48.9201, -5.9146,  
24.6726


 50.7344, -5.8344,  
19.6195


 48.0832, -5.6031,  
26.3176

 51.7133, -5.4342,  
16.1988


 47.2913, -5.0696,  
27.4004


 52.7402, -4.7935,  
12.1864


 46.5416, -4.3301,  
27.9582


 53.8150, -3.9148,  
7.5930

 45.8255, -3.4352,  
28.1215

 54.9370, -2.8026,  
2.4334

 45.7539, -3.3434,  
28.1348

 56.1056, -1.4630,  
-3.2741

 57.3200, 0.0970,  
-9.5089

 58.5790, 1.8694,  
-16.2486

 59.8816, 3.8457,  
-23.4700

# Harmonies

## Analogous

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



49.8035, 8.6611, 21.4058



49.8023, -5.9919, 22.4430



49.8035, -18.2855, 19.5262

# Triad

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



49.8035, -5.9937, 22.4435



49.8035, -22.9487, -15.9377



49.8035, 25.5515, -8.7543

# Complementary

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



49.8023, -5.9919, 22.4430



32.6887, 7.7483, -31.2941

# 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.



49.8035, 15.1663, -23.3280



49.8023, -5.9919, 22.4430



49.8035, -13.0523, -28.2326

# Square

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



49.8035, -5.9937, 22.4435



49.8035, -27.3257, -0.6111



49.8035, 0.7636, -31.2651



49.8035, 27.9949, 5.8189



# Rectangle

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



49.8023, -5.9919, 22.4430



49.8035, -23.8654, 15.0573



49.8035, 0.7636, -31.2651



49.8035, 22.8204, -13.9261

# Sweetspot

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



49.8035, -5.9937, 22.4435



71.1019, -6.0180, 14.1309



35.0229, 24.0657, 6.3107



33.3444, -2.9318, 7.1865



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.



49.8035, -5.9937, 22.4435



65.3284, -7.8811, 33.3241



51.3338, -18.6867, 23.4070



25.6595, -1.8771, 3.6695



42.0185, -3.1385, 25.8367



5.0086, -0.9174, 3.0702



# Inverse Universe

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



32.6887, 7.7483, -31.2941



37.8812, 15.5512, -56.0853



31.7293, 19.3069, -33.2424



24.0372, -0.6879, -1.1587



15.5706, 28.5214, -81.0313



2.4236, 1.2143, -5.6507



# Previews

## White Background



This preview shows how the HunterLab color 49.8023, -5.9919, 22.4430 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

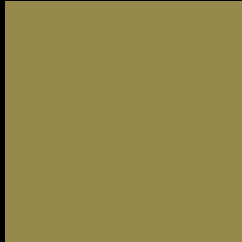
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 49.8023, -5.9919, 22.4430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

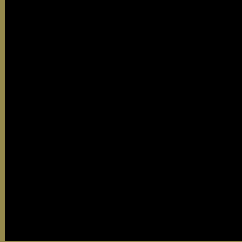
Any Text WCAG AA ✓ Pass

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 49.8023, -5.9919, 22.4430 Background



This preview shows how black text looks on a background with the HunterLab color 49.8023, -5.9919, 22.4430.



This preview shows how white text looks on a background with the HunterLab color 49.8023, -5.9919, 22.4430.



# 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

49.8023, -5.9919, 22.4430

### Protanopia

49.8970, -5.6563, 22.5227

### Deuteranopia

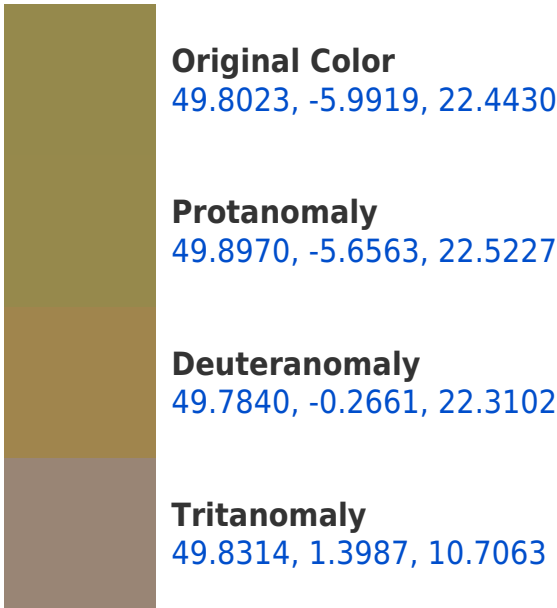
49.6209, 3.3963, 22.0234



## Tritanopia

49.8270, 6.7828, 1.2989

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.8023, -5.9919, 22.4430 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, 137, 76)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 76)  
}
```

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, 137, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.8023, -5.9919, 22.4430 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, 137, 76) }
```



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

```
.border{ border-color:rgb(149, 137, 76) }
```

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

Here you see how a box with a 4 pixel rgb(149, 137, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 76);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
76) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.8023, -5.9919, 22.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 76) }
```

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

```
.background{ background-color: rgb(149,  
137, 76) }
```

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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