

Converting Colors

HunterLab(48.8833, -13.0223,
32.7517)

Have a look what the booklet for
HunterLab(48.8833, -13.0223,
32.7517) contains.

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Color

**HunterLab(49.2098,
-12.1633, 30.1099)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8B00
RGB	142, 139, 0
RGB Percent	56%, 55%, 0%
CMY	0.4431, 0.4549, 1.0000
CMYK	0.00, 0.02, 1.00, 0.44
HSL	59°, 100%, 28%
HSV	59°, 100%, 56%
XYZ	20.3880, 24.2160, 3.5996
YIQ	124.0510, 46.4070, -42.5930

Conversions

Conversions Part 2

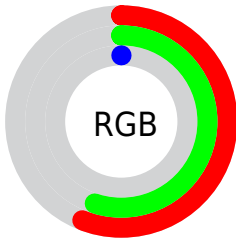
Format	Color
RYB	3, 142, 0
Decimal	9341696
CIELab	56.30, -12.35, 60.47
CIELCh	56, 61.719, 101.542
Yxy	24.2172, 0.4229, 0.5024
Android (android.graphics.Color)	4287531776 (0xFF8E8B00)
YUV	124.0510, -61.1571, 15.7413
Hunter-Lab	49.2098, -12.1633, 30.1099

Details

The HunterLab color $49.2098, -12.1633, 30.1099$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $14.2067, 36.8953, -97.4009$, and the grayscale version is $45.1346, -2.4083, 2.4522$.

A 20% lighter version of the original color is $70.9021, -14.6228, 38.7254$, and $30.3636, -8.4760, 18.5615$ is the 20% darker color. If you saturate the color by 10%, you get $49.2109, -12.1651, 30.1105$, and if you desaturate by 10%, it is $49.3319, -12.1089, 29.6777$.

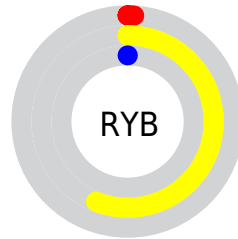
Distribution



Red (56%)

Green (55%)

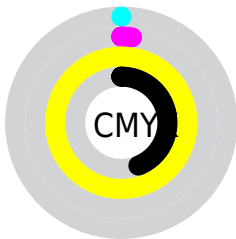
Blue (0%)



Red (1%)

Yellow (56%)

Blue (0%)

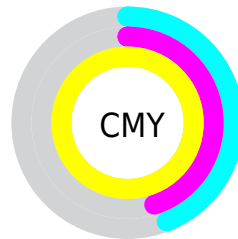


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2098, -12.1633, 30.1099 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 49.2098, -12.1633, 30.1099 by changing the saturation by 10% instead.

■ 49.2098, -12.1633,
30.1099

■ 49.2098, -12.1633,
30.1099

165.5043,
-23.4485, 64.3845

■ 39.3634, -10.8982,
25.4327

■ 70.9820, -14.6604,
38.7648

■ 30.2777, -9.6045,
20.9037

■ 82.8239, -15.9017,
42.8017

■ 22.0239, -8.2653,
15.4167

■ 95.2597, -17.1441,
46.6813

■ 14.6963, -6.8479,
10.2874

■ 108.2623,
-18.3903, 50.4259

■ 8.3544, -6.8873,
5.8481

■ 121.8079,
-19.6426, 54.0542

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.8756,

-20.9022, 57.5817

0.0000, NaN, NaN

150.4466,
-22.1706, 61.0215

0.0000, NaN, NaN

49.2098, -12.1633,
30.1099

49.2098, -12.1633,
30.1099

49.2109, -12.1651,
30.1105

49.3319, -12.1089,
29.6777

49.4742, -11.9315,
28.9292

49.6489, -11.5719,
27.7060

49.8594, -11.0103,
25.9568

50.1089, -10.2313,
23.6422

■ 50.3996, -9.2233,
20.7326

■ 50.7337, -7.9779,
17.2064

■ 51.1126, -6.4895,
13.0497

■ 51.5376, -4.7549,
8.2551

Harmonies

Analogous

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



49.2110, 14.0813, 29.7078



49.2098, -12.1633, 30.1099



49.2110, -31.3921, 26.5250

Triad

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



49.2110, -12.1651, 30.1102



49.2110, -34.5232, -40.0114



49.2110, 53.8138, -14.7247

Complementary

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



49.2098, -12.1633, 30.1099



14.2067, 36.8953, -97.4009

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.



49.2110, 34.7754, -47.3414



49.2098, -12.1633, 30.1099



49.2110, -17.3688, -66.3885

Square

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



49.2110, -12.1651, 30.1102



49.2110, -42.4078, -7.7286



49.2110, 7.6948, -69.6039



49.2110, 56.0103, 11.2155

Rectangle

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



49.2098, -12.1633, 30.1099



49.2110, -39.0852, 20.2758



49.2110, 7.6948, -69.6039



49.2110, 49.0133, -25.5273

Sweetspot

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



49.2110, -12.1651, 30.1102



67.3415, -10.7081, 23.1693



24.0029, 41.1465, 15.1743



31.7458, -5.3631, 11.8029



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.



49.2110, -12.1651, 30.1102



65.3248, -16.1188, 39.9706



45.6856, -30.5919, 27.6153



25.0323, -2.2345, 3.8050



46.6337, -11.5327, 28.5336



4.6036, -1.1917, 2.8158

Inverse Universe

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



14.2067, 36.8953, -97.4009



18.7830, 49.3508, -130.0114



17.6662, 41.3051, -74.2778



22.9610, -0.2376, -1.4232



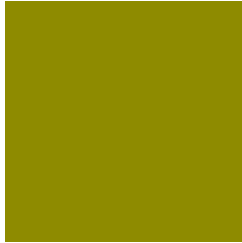
13.4737, 34.9073, -92.1957



1.4237, 2.9831, -8.2192

Previews

White Background



This preview shows how the HunterLab color 49.2098, -12.1633, 30.1099 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 49.2098, -12.1633, 30.1099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

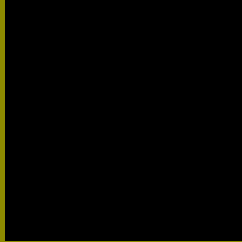
Any Text WCAG AA ✓ Pass

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 49.2098, -12.1633, 30.1099 Background



This preview shows how black text looks on a background with the HunterLab color 49.2098, -12.1633, 30.1099.



This preview shows how white text looks on a background with the HunterLab color 49.2098,

-12.1633, 30.1099.

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

49.2098, -12.1633, 30.1099

Protanopia

48.9932, -6.9946, 30.0669

Deuteranopia

49.1394, 3.5116, 29.5424



Tritanopia

49.1364, 5.8213, 0.9061

Trichromacy



Original Color

49.2098, -12.1633, 30.1099

Protanomaly

48.8919, -8.8301, 29.9724

Deuteranomaly

48.9951, -2.5990, 29.6843

Tritanomaly

48.7602, -3.4691, 18.7588

Monochromacy



Original Color

49.2098, -12.1633, 30.1099

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.9242, -7.9881, 18.6084

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2098, -12.1633, 30.1099 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(142, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 0)  
}
```

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(142, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2098, -12.1633, 30.1099 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(142, 139, 0) }
```


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

```
.border{ border-color:rgb(142, 139, 0) }
```

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

Here you see how a box with a 4 pixel rgb(142, 139, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2098, -12.1633, 30.1099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 0) }
```

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

```
.background{ background-color: rgb(142,  
139, 0) }
```

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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