

Converting Colors

HunterLab(49.1630, 2.1878,
29.7873)

Have a look what the booklet for
HunterLab(49.1630, 2.1878,
29.7873) contains.

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Color

**HunterLab(49.1630, 2.1878,
29.7873)**

Conversions

Conversions Part 1

Format	Color
Hex	A9810F
RGB	169, 129, 15
RGB Percent	66%, 51%, 6%
CMY	0.3373, 0.4941, 0.9412
CMYK	0.00, 0.24, 0.91, 0.34
HSL	44°, 84%, 36%
HSV	44°, 91%, 66%
XYZ	24.2987, 24.1700, 3.8365
YIQ	127.9640, 60.4340, -26.9740

Conversions

Conversions Part 2

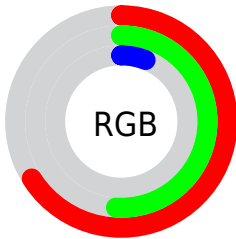
Format	Color
R_{YB}	69, 169, 15
Decimal	11108623
CIE _{Lab}	56.26, 5.88, 59.01
CIE _{LCh}	56, 59.306, 84.313
Yxy	24.1712, 0.4645, 0.4621
Android (android.graphics.Color)	4289298703 (0xFFA9810F)
YUV	127.9640, -55.6913, 35.9886
Hunter-Lab	49.1630, 2.1878, 29.7873

Details

The HunterLab color **49.1630, 2.1878, 29.7873** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **23.8719, 23.4627, -78.1063**, and the grayscale version is **46.6427, -2.4887, 2.5342**.

A 20% lighter version of the original color is **71.0241, 1.2659, 38.3787**, and **30.3019, 3.2324, 18.7285** is the 20% darker color. If you saturate the color by 10%, you get **48.0930, 3.8356, 29.7018**, and if you desaturate by 10%, it is **50.4201, 0.4945, 29.4782**.

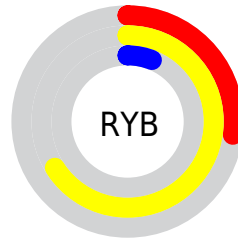
Distribution



Red (66%)

Green (51%)

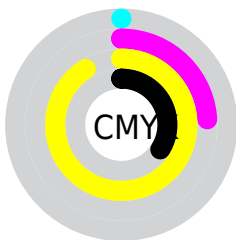
Blue (6%)



Red (27%)

Yellow (66%)

Blue (6%)

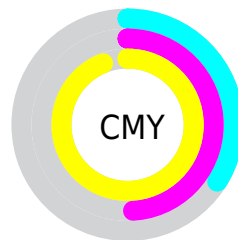


Cyan (0%)

Magenta (24%)

Yellow (91%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1630, 2.1878, 29.7873 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 49.1630, 2.1878, 29.7873 by changing the saturation by 10% instead.

49.1630, 2.1878,
29.7873

49.1630, 2.1878,
29.7873

165.4342, -1.7009,
63.3371

39.3201, 2.3794,
25.2074

70.9291, 1.6261,
38.2553

30.2379, 2.5061,
20.6866

82.7683, 1.2715,
42.2045

21.9882, 2.5542,
15.3917

95.2015, 0.8722,
46.0005

14.6651, 2.5068,
10.2656

108.2015, 0.4314,
49.6653

8.3240, 2.6319,
5.8268

121.7447, -0.0484,
53.2172

0.0000, NaN, NaN

0.0000, NaN, NaN

135.8100, -0.5649,

56.6717

0.0000, NaN, NaN

150.3788, -1.1163,
60.0414

0.0000, NaN, NaN

49.1630, 2.1878,
29.7873

49.1630, 2.1878,
29.7873

48.0930, 3.8356,
29.7018

50.4201, 0.4945,
29.4782

51.7396, -0.9495,
28.5598

53.1245, -2.1281,
26.9959

54.5754, -3.0314,
24.7718

56.0918, -3.6558,
21.8875

■ 57.6727, -4.0021,
18.3536

■ 59.3167, -4.0746,
14.1880

■ 61.0221, -3.8801,
9.4138

■ 62.7869, -3.4273,
4.0574

Harmonies

Analogous

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



49.1642, 28.3716, 27.0911



49.1630, 2.1878, 29.7873



49.1642, -20.7456, 28.6543

Triad

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



49.1642, 2.1855, 29.7877



49.1642, -38.9488, -19.8818



49.1642, 42.3679, -31.7874

Complementary

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



49.1630, 2.1878, 29.7873



23.8719, 23.4627, -78.1063

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.



49.1642, 18.5697, -59.1400



49.1630, 2.1878, 29.7873



49.1642, -27.4484, -50.2065

Square

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



49.1642, 2.1855, 29.7877



49.1642, -41.6228, 6.9592



49.1642, -7.2591, -67.1646



49.1642, 54.3382, -2.0307

Rectangle

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



49.1630, 2.1878, 29.7873



49.1642, -31.6802, 25.3157



49.1642, -7.2591, -67.1646



49.1642, 35.2835, -42.0574

Sweetspot

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



49.1642, 2.1855, 29.7877



77.9721, -5.4332, 22.6307



30.1048, 49.5879, 12.0321



36.0726, -2.5055, 11.3716



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



49.1642, 2.1855, 29.7877



64.0848, 5.6304, 39.5873



57.7947, -27.1470, 34.6737



29.0501, -1.8071, 4.0123



41.6272, 3.1176, 25.7050



7.0532, -0.4749, 4.3379

Inverse Universe

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



23.8719, 23.4627, -78.1063



28.3764, 40.2107, -122.2715



19.7702, 43.9021, -99.6177



27.5783, -1.1141, -1.1243



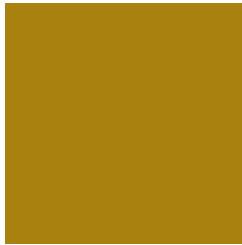
18.8353, 24.3141, -76.0296



4.0861, 1.0345, -7.3405

Previews

White Background



This preview shows how the HunterLab color 49.1630, 2.1878, 29.7873 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 49.1630, 2.1878, 29.7873 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 49.1630, 2.1878, 29.7873 Background



This preview shows how black text looks on a background with the HunterLab color 49.1630, 2.1878, 29.7873.



This preview shows how white text looks on a background with the HunterLab color 49.1630, 2.1878,

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

49.1630, 2.1878, 29.7873

Protanopia

49.3196, -7.2132, 29.6267

Deuteranopia

49.1260, 3.4403, 29.7398



Tritanopia

49.1242, 17.0760, 5.5023

Trichromacy



Original Color

49.1630, 2.1878, 29.7873

Protanomaly

49.0730, -3.7385, 29.5808

Deuteranomaly

49.0120, 3.0573, 29.6615

Tritanomaly

48.7388, 10.2145, 18.9803

Monochromacy



Original Color

49.1630, 2.1878, 29.7873

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.8680, -2.9259, 17.4220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1630, 2.1878, 29.7873 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(169, 129, 15)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 15)  
}
```

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(169, 129, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1630, 2.1878, 29.7873 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(169, 129, 15) }
```


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

```
.border{ border-color:rgb(169, 129, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 129, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 15);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1630, 2.1878, 29.7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 129, 15) }
```

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

```
.background{ background-color: rgb(169,  
129, 15) }
```

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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