

Converting Colors

HunterLab(49.4861, -0.7689,
29.0080)

Have a look what the booklet for
HunterLab(49.4861, -0.7689,
29.0080) contains.

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Color

**HunterLab(49.4861, -0.7689,
29.0080)**

Conversions

Conversions Part 1

Format	Color
Hex	A4841E
RGB	164, 132, 30
RGB Percent	64%, 52%, 12%
CMY	0.3569, 0.4823, 0.8823
CMYK	0.00, 0.20, 0.82, 0.36
HSL	46°, 69%, 38%
HSV	46°, 82%, 64%
XYZ	23.7954, 24.4887, 4.7009
YIQ	129.9400, 51.8140, -24.9380

Conversions

Conversions Part 2

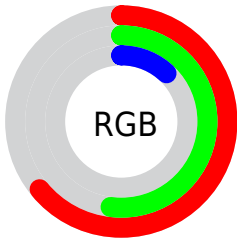
Format	Color
R_{YB}	72, 164, 30
Decimal	10781726
CIE _{Lab}	56.58, 2.31, 54.96
CIE _{LCh}	57, 55.013, 87.596
Yxy	24.4899, 0.4491, 0.4622
Android (android.graphics.Color)	4288971806 (0xFFA4841E)
YUV	129.9400, -49.2704, 29.8706
Hunter-Lab	49.4861, -0.7689, 29.0080

Details

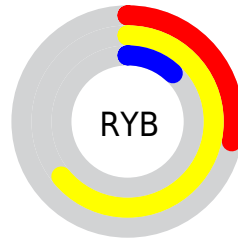
The HunterLab color **49.4861, -0.7689, 29.0080** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **25.3013, 18.9277, -66.3808**, and the grayscale version is **47.3978, -2.5290, 2.5752**.

A 20% lighter version of the original color is **71.3215, -1.9942, 36.9405**, and **30.6181, 0.5058, 18.8756** is the 20% darker color. If you saturate the color by 10%, you get **48.3576, 0.7051, 29.3177**, and if you desaturate by 10%, it is **50.6742, -2.0131, 28.1167**.

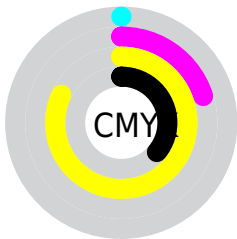
Distribution



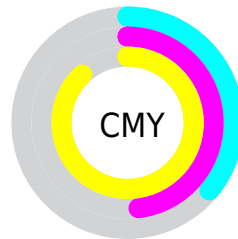
- Red (64%)
- Green (52%)
- Blue (12%)



- Red (28%)
- Yellow (64%)
- Blue (12%)



- Cyan (0%)
- Magenta (20%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4861, -0.7689, 29.0080 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 49.4861, -0.7689, 29.0080 by changing the saturation by 10% instead.

49.4861, -0.7689,
29.0080

49.4861, -0.7689,
29.0080

165.9181, -6.0714,
60.4937

39.6200, -0.3758,
24.7149

71.2941, -1.6969,
36.9345

30.5128, -0.0319,
20.2591

83.1525, -2.2204,
40.6328

22.2354, 0.2537,
15.5648

95.6040, -2.7808,
44.1906

14.8813, 0.4708,
10.4169

108.6216, -3.3760,
47.6290

8.5317, 0.7231,
5.9722

122.1815, -4.0040,
50.9655

0.0000, NaN, NaN

0.0000, NaN, NaN

136.2631, -4.6635,

54.2142

0.0000, NaN, NaN

150.8475, -5.3530,
57.3869

0.0000, NaN, NaN

■ 49.4861, -0.7689,
29.0080

■ 49.4861, -0.7689,
29.0080

■ 48.3576, 0.7051,
29.3177

■ 50.6742, -2.0131,
28.1167

■ 47.4544, 2.0516,
29.2771

■ 51.9206, -3.0024,
26.6033

■ 53.2273, -3.7283,
24.4500

■ 54.5944, -4.1862,
21.6530

■ 56.0215, -4.3757,
18.2188

■ 57.5074, -4.2998,
14.1615

■ 59.0510, -3.9640,
9.5007

■ 60.6508, -3.3758,
4.2598

■ 62.3050, -2.5442,
-1.5354

Harmonies

Analogous

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



49.4873, 23.4016, 26.6979



49.4861, -0.7689, 29.0080



49.4873, -21.5358, 27.3766

Triad

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



49.4873, -0.7711, 29.0084



49.4873, -36.0990, -21.0702



49.4873, 40.5822, -25.6250

Complementary

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



49.4861, -0.7689, 29.0080



25.3013, 18.9277, -66.3808

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.



49.4873, 19.5925, -51.0896



49.4861, -0.7689, 29.0080



49.4873, -24.2139, -47.7210

Square

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



49.4873, -0.7711, 29.0084



49.4873, -39.5788, 4.4291



49.4873, -4.4878, -60.6065



49.4873, 49.8445, 0.8932

Rectangle

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



49.4861, -0.7689, 29.0080



49.4873, -31.2875, 23.5171



49.4873, -4.4878, -60.6065



49.4873, 34.4957, -34.9789

Sweetspot

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



49.4873, -0.7711, 29.0084



76.7160, -5.8731, 21.2350



30.3080, 45.2304, 10.1231



35.5593, -2.7597, 10.7732



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



49.4873, -0.7711, 29.0084



63.9642, 2.7649, 39.3488



56.0624, -25.5386, 32.7990



28.1945, -1.8231, 3.9247



41.6448, 1.6358, 25.6900



6.5594, -0.6426, 4.0306

Inverse Universe

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



25.3013, 18.9277, -66.3808



27.5123, 39.7981, -119.7388



21.6390, 38.4128, -82.2254



26.6868, -1.0085, -1.1316



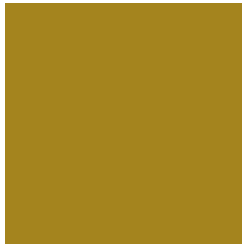
18.0000, 25.3256, -77.1690



3.6838, 1.0260, -6.8193

Previews

White Background



This preview shows how the HunterLab color 49.4861, -0.7689, 29.0080 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 49.4861, -0.7689, 29.0080 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 49.4861, -0.7689, 29.0080 Background



This preview shows how black text looks on a background with the HunterLab color 49.4861, -0.7689, 29.0080.



This preview shows how white text looks on a background with the HunterLab color 49.4861, -0.7689,

29.0080.

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

49.4861, -0.7689, 29.0080

Protanopia

49.4768, -6.5344, 28.8196

Deuteranopia

49.4598, 3.3293, 28.8971



Tritanopia

49.4872, 14.5463, 4.5944

Trichromacy



Original Color

49.4861, -0.7689, 29.0080

Protanomaly

49.5933, -4.6675, 28.9277

Deuteranomaly

49.3852, 1.6901, 28.9042

Tritanomaly

49.0640, 7.5458, 17.2822

Monochromacy



Original Color

49.4861, -0.7689, 29.0080

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.7405, -3.9358, 16.1970

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4861, -0.7689, 29.0080 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(164, 132, 30)` looks like.

```
.text, #text, p{  
    color:rgb(164, 132, 30)  
}
```

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(164, 132, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 132, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4861, -0.7689, 29.0080 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(164, 132, 30) }
```


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

```
.border{ border-color:rgb(164, 132, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 132, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 132, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 132, 30);  
box-shadow:4px 4px 4px 4px rgb(164, 132,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4861, -0.7689, 29.0080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 132, 30) }
```

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

```
.background{ background-color: rgb(164,  
132, 30) }
```

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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