

Converting Colors

HunterLab(49.3929, 0.1918,
34.5751)

Have a look what the booklet for
HunterLab(49.3929, 0.1918,
34.5751) contains.

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Color

**HunterLab(49.7782, 1.4382,
30.6982)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8300
RGB	170, 131, 0
RGB Percent	67%, 51%, 0%
CMY	0.3333, 0.4863, 1.0000
CMYK	0.00, 0.23, 1.00, 0.33
HSL	46°, 100%, 33%
HSV	46°, 100%, 67%
XYZ	24.6939, 24.7787, 3.4813
YIQ	127.7270, 65.2950, -32.4730

Conversions

Conversions Part 2

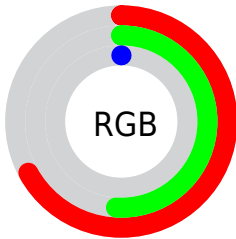
Format	Color
R_{YB}	51, 170, 0
Decimal	11174656
CIE _{Lab}	56.86, 5.00, 62.14
CIE _{LCh}	57, 62.341, 85.404
Yxy	24.7799, 0.4663, 0.4679
Android (android.graphics.Color)	4289364736 (0xFFAA8300)
YUV	127.7270, -62.9694, 37.0734
Hunter-Lab	49.7782, 1.4382, 30.6982

Details

The HunterLab color **49.7782, 1.4382, 30.6982** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **20.8657, 31.7646, -94.6489**, and the grayscale version is **46.5762, -2.4852, 2.5306**.

A 20% lighter version of the original color is **71.7869, 0.8072, 39.5988**, and **30.8955, 2.7109, 19.0851** is the 20% darker color. If you saturate the color by 10%, you get **49.7787, 1.4369, 30.6986**, and if you desaturate by 10%, it is **50.8801, -0.1784, 30.7304**.

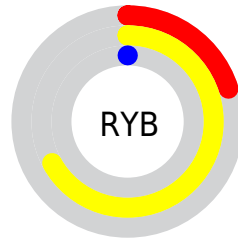
Distribution



Red (67%)

Green (51%)

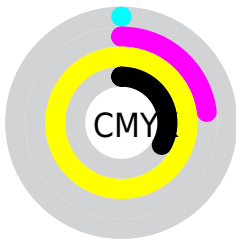
Blue (0%)



Red (20%)

Yellow (67%)

Blue (0%)

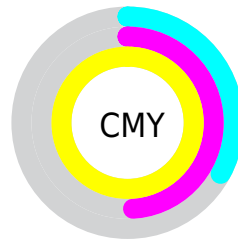


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7782, 1.4382, 30.6982 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 49.7782, 1.4382, 30.6982 by changing the saturation by 10% instead.

■ 49.7782, 1.4382,
30.6982

■ 49.7782, 1.4382,
30.6982

166.3551, -2.8168,
65.7396

■ 39.8913, 1.6822,
25.9240

■ 71.6240, 0.7813,
39.5445

■ 30.7615, 1.8656,
21.3428

■ 83.4997, 0.3829,
43.6729

■ 22.4593, 1.9758,
15.7215

■ 95.9677, -0.0582,
47.6408

■ 15.0772, 1.9978,
10.5541

■ 109.0010, -0.5390,
51.4704

■ 8.7148, 2.0323,
6.1004

■ 122.5762, -1.0571,
55.1806

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.6723, -1.6106,

58.7871

0.0000, NaN, NaN

151.2709, -2.1977,
62.3030

0.0000, NaN, NaN

49.7782, 1.4382,
30.6982

49.7782, 1.4382,
30.6982

49.7787, 1.4369,
30.6986

50.8801, -0.1784,
30.7304

52.0290, -1.6081,
30.3063

53.2365, -2.7905,
29.2657

54.5049, -3.7072,
27.5699

55.8353, -4.3479,
25.2007

■ 57.2277, -4.7079,
22.1546

■ 58.6816, -4.7869,
18.4383

■ 60.1963, -4.5881,
14.0665

■ 61.7705, -4.1173,
9.0592

Harmonies

Analogous

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



49.7794, 29.2370, 28.1953



49.7782, 1.4382, 30.6982



49.7794, -22.4495, 29.4485

Triad

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



49.7794, 1.4358, 30.6986



49.7794, -40.4304, -22.4946



49.7794, 45.8754, -32.8284

Complementary

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



49.7782, 1.4382, 30.6982



20.8657, 31.7646, -94.6489

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.



49.7794, 20.8066, -62.7755



49.7782, 1.4382, 30.6982



49.7794, -28.1175, -54.9529

Square

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



49.7794, 1.4358, 30.6986



49.7794, -43.5258, 6.3930



49.7794, -6.6252, -72.4597



49.7794, 58.0472, -1.2786

Rectangle

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



49.7782, 1.4382, 30.6982



49.7794, -33.6481, 25.9560



49.7794, -6.6252, -72.4597



49.7794, 38.4549, -43.9447

Sweetspot

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



49.7794, 1.4358, 30.6986



78.9342, -6.4518, 25.1354



29.4911, 51.0142, 15.0874



36.8926, -3.0437, 12.8796



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.7794, 1.4358, 30.6986



66.7953, 2.3840, 41.2007



57.5190, -29.9525, 34.9182



29.1164, -1.9165, 4.0828



42.7960, 1.0553, 26.3892



7.1785, -0.6795, 4.4114

Inverse Universe

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



20.8657, 31.7646, -94.6489



27.6117, 44.4071, -130.3745



18.6230, 47.4728, -108.7690



27.5127, -1.0041, -1.2060



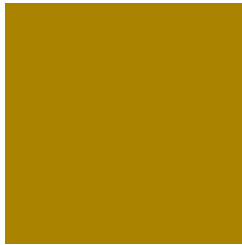
18.0966, 26.5993, -80.0394



3.9183, 1.3727, -7.8608

Previews

White Background



This preview shows how the HunterLab color 49.7782, 1.4382, 30.6982 looks on a white background.

Color Contrast Check

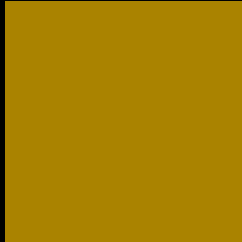
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7782, 1.4382, 30.6982 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 49.7782, 1.4382, 30.6982 Background



This preview shows how black text looks on a background with the HunterLab color 49.7782, 1.4382, 30.6982.



This preview shows how white text looks on a background with the HunterLab color 49.7782, 1.4382,

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

49.7782, 1.4382, 30.6982

Protanopia

49.7806, -7.0774, 30.2428

Deuteranopia

49.8669, 3.1521, 30.5098



Tritanopia

49.7874, 16.7034, 5.4001

Trichromacy



Original Color

49.7782, 1.4382, 30.6982

Protanomaly

49.8143, -4.0637, 30.4191

Deuteranomaly

49.7462, 2.7329, 30.5301

Tritanomaly

49.2853, 9.1861, 20.6854

Monochromacy



Original Color

49.7782, 1.4382, 30.6982

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.0470, -3.9348, 19.1109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7782, 1.4382, 30.6982 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(170, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 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(170, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7782, 1.4382, 30.6982 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(170, 131, 0) }
```


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

```
.border{ border-color:rgb(170, 131, 0) }
```

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

Here you see how a box with a 4 pixel rgb(170, 131, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7782, 1.4382, 30.6982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 0) }
```

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

```
.background{ background-color: rgb(170,  
131, 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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