

Converting Colors

HunterLab(49.4363, 2.8691,
33.0057)

Have a look what the booklet for
HunterLab(49.4363, 2.8691,
33.0057) contains.

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Color

**HunterLab(49.5830, 3.5321,
30.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8100
RGB	173, 129, 0
RGB Percent	68%, 51%, 0%
CMY	0.3216, 0.4941, 1.0000
CMYK	0.00, 0.25, 1.00, 0.32
HSL	45°, 100%, 34%
HSV	45°, 100%, 68%
XYZ	25.0838, 24.5847, 3.4232
YIQ	127.4500, 67.6330, -30.7910

Conversions

Conversions Part 2

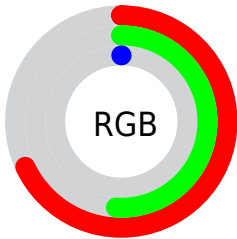
Format	Color
R_{YB}	59, 173, 0
Decimal	11370752
CIE Lab	56.67, 7.49, 62.17
CIE LCh	57, 62.616, 83.132
Yxy	24.5860, 0.4725, 0.4631
Android (android.graphics.Color)	4289560832 (0xFFAD8100)
YUV	127.4500, -62.8328, 39.9474
Hunter-Lab	49.5830, 3.5321, 30.6147

Details

The HunterLab color **49.5830, 3.5321, 30.6147** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **21.9515, 30.2448, -92.7260**, and the grayscale version is **46.4661, -2.4793, 2.5246**.

A 20% lighter version of the original color is **71.5520, 2.9502, 39.6100**, and **30.7414, 4.6806, 19.0246** is the 20% darker color. If you saturate the color by 10%, you get **49.5837, 3.5305, 30.6151**, and if you desaturate by 10%, it is **50.8051, 1.6672, 30.7014**.

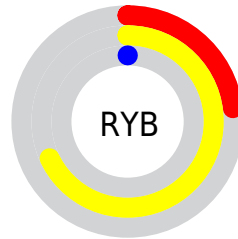
Distribution



Red (68%)

Green (51%)

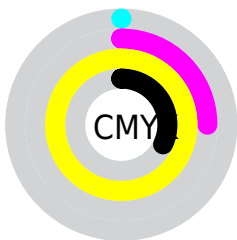
Blue (0%)



Red (23%)

Yellow (68%)

Blue (0%)

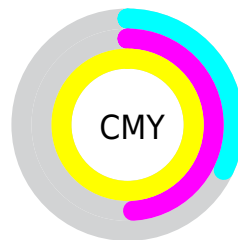


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5830, 3.5321, 30.6147 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 49.5830, 3.5321, 30.6147 by changing the saturation by 10% instead.

■ 49.5830, 3.5321,
30.6147

■ 49.5830, 3.5321,
30.6147

166.0631, 0.2529,
65.6932

■ 39.7100, 3.6380,
25.8339

■ 71.4036, 3.1272,
39.4726

■ 30.5953, 3.6730,
21.2735

■ 83.2678, 2.8451,
43.6060

■ 22.3097, 3.6218,
15.6168

■ 95.7247, 2.5153,
47.5782

■ 14.9462, 3.4655,
10.4624

■ 108.7475, 2.1411,
51.4118

■ 8.5929, 3.3530,
6.0150

■ 122.3125, 1.7255,
55.1255

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.3989, 1.2709,

58.7351

0.0000, NaN, NaN

150.9880, 0.7794,
62.2539

0.0000, NaN, NaN

49.5830, 3.5321,
30.6147

49.5830, 3.5321,
30.6147

49.5837, 3.5305,
30.6151

50.8051, 1.6672,
30.7014

52.0807, -0.0025,
30.3162

53.4209, -1.4163,
29.2993

54.8276, -2.5559,
27.6148

56.3014, -3.4119,
25.2482

■ 57.8417, -3.9805,
22.2001

■ 59.4478, -4.2628,
18.4813

■ 61.1181, -4.2633,
14.1103

■ 62.8510, -3.9890,
9.1107

Harmonies

Analogous

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



49.5842, 31.3955, 27.7885



49.5830, 3.5321, 30.6147



49.5842, -20.9522, 29.6567

Triad

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



49.5842, 3.5297, 30.6151



49.5842, -41.0361, -20.0987



49.5842, 44.5117, -35.5908

Complementary

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



49.5830, 3.5321, 30.6147



21.9515, 30.2448, -92.7260

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.



49.5842, 18.7684, -64.8238



49.5830, 3.5321, 30.6147



49.5842, -29.4316, -53.0920

Square

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



49.5842, 3.5297, 30.6151



49.5842, -43.4531, 8.1016



49.5842, -8.5379, -72.4996



49.5842, 58.0382, -3.3895

Rectangle

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



49.5830, 3.5321, 30.6147



49.5842, -32.6410, 26.5017



49.5842, -8.5379, -72.4996



49.5842, 36.7723, -46.6504

Sweetspot

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



49.5842, 3.5297, 30.6151



79.4415, -5.6943, 25.0182



30.1375, 52.2681, 14.3723



36.6221, -2.6005, 12.6482



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.



49.5842, 3.5297, 30.6151



66.0836, 5.2133, 40.8117



59.0286, -29.0354, 35.8646



29.9668, -1.8845, 4.1606



42.6107, 2.8272, 26.3060



7.6550, -0.4684, 4.7088

Inverse Universe

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



21.9515, 30.2448, -92.7260



28.8731, 42.0532, -126.8696



18.6437, 48.1081, -113.3966



28.4183, -1.1264, -1.1868



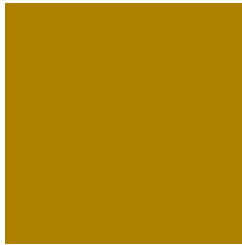
19.0251, 25.2784, -78.3487



4.3401, 1.3505, -8.3400

Previews

White Background



This preview shows how the HunterLab color 49.5830, 3.5321, 30.6147 looks on a white background.

Color Contrast Check

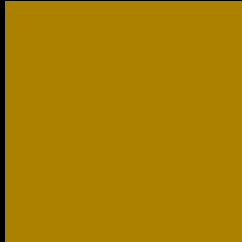
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5830, 3.5321, 30.6147 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 49.5830, 3.5321, 30.6147 Background



This preview shows how black text looks on a background with the HunterLab color 49.5830, 3.5321, 30.6147.



This preview shows how white text looks on a background with the HunterLab color 49.5830, 3.5321,

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

49.5830, 3.5321, 30.6147

Protanopia

49.7828, -7.0652, 30.2102

Deuteranopia

49.4683, 3.1471, 30.5373



Tritanopia

49.6000, 18.5341, 6.0614

Trichromacy



Original Color

49.5830, 3.5321, 30.6147

Protanomaly

49.6391, -3.2412, 30.3248

Deuteranomaly

49.4683, 3.1471, 30.5373

Tritanomaly

49.1144, 11.2236, 20.8240

Monochromacy



Original Color

49.5830, 3.5321, 30.6147

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.8633, -3.1428, 18.9731

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5830, 3.5321, 30.6147 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(173, 129, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 129, 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(173, 129, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 129, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5830, 3.5321, 30.6147 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(173, 129, 0) }
```


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

```
.border{ border-color:rgb(173, 129, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 129, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 129, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 129, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 129,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5830, 3.5321, 30.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 129, 0) }
```

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

```
.background{ background-color: rgb(173,  
129, 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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