

Converting Colors

HunterLab(51.8164, -4.3539,
31.8489)

Have a look what the booklet for
HunterLab(51.8164, -4.3539,
31.8489) contains.

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Color

HunterLab(51.8297, -4.2446,
31.8629)

Conversions

Conversions Part 1

Format	Color
Hex	A68C00
RGB	166, 140, 0
RGB Percent	65%, 55%, 0%
CMY	0.3490, 0.4510, 1.0000
CMYK	0.00, 0.16, 1.00, 0.35
HSL	51°, 100%, 33%
HSV	51°, 100%, 65%
XYZ	25.1040, 26.8632, 3.8620
YIQ	131.8140, 60.4360, -38.0280

Conversions

Conversions Part 2

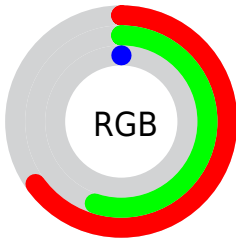
Format	Color
RYB	31, 166, 0
Decimal	10914816
CIELab	58.85, -1.82, 63.33
CIElCh	59, 63.360, 91.645
Yxy	26.8645, 0.4496, 0.4812
Android (android.graphics.Color)	4289104896 (0xFFA68C00)
YUV	131.8140, -64.9843, 29.9811
Hunter-Lab	51.8297, -4.2446, 31.8629

Details

The HunterLab color **51.8297, -4.2446, 31.8629** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **18.6876, 36.5714, -102.3028**, and the grayscale version is **48.1948, -2.5716, 2.6185**.

A 20% lighter version of the original color is **73.8848, -5.5385, 40.7808**, and **32.5016, -2.1615, 19.9895** is the 20% darker color. If you saturate the color by 10%, you get **51.8304, -4.2462, 31.8633**, and if you desaturate by 10%, it is **52.6047, -5.2352, 31.7432**.

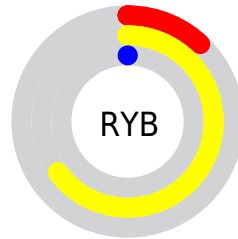
Distribution



Red (65%)

Green (55%)

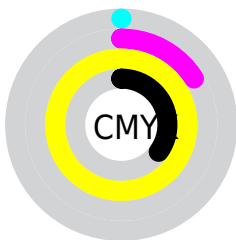
Blue (0%)



Red (12%)

Yellow (65%)

Blue (0%)

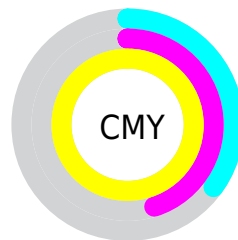


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8297, -4.2446, 31.8629 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 51.8297, -4.2446, 31.8629 by changing the saturation by 10% instead.

■ 51.8297, -4.2446,
31.8629

■ 51.8297, -4.2446,
31.8629

169.4109,
-11.2493, 67.2512

■ 41.7989, -3.6075,
27.0603

■ 73.9367, -5.6153,
40.7765

■ 32.5134, -2.9996,
22.2945

■ 85.9325, -6.3424,
44.9425

■ 24.0402, -2.4241,
16.8281

■ 98.5149, -7.0968,
48.9495

■ 16.4662, -1.8818,
11.5263

■ 111.6578, -7.8776,
52.8192

■ 9.9144, -1.3718,
6.9401

■ 125.3381, -8.6839,
56.5700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.5355, -9.5151,

60.2173

0.0000, NaN, NaN

154.2319,
-10.3705, 63.7740

0.0000, NaN, NaN

51.8297, -4.2446,
31.8629

51.8297, -4.2446,
31.8629

51.8304, -4.2462,
31.8633

52.6047, -5.2352,
31.7432

53.4145, -6.0548,
31.1934

54.2714, -6.6431,
30.0521

55.1786, -6.9799,
28.2718

56.1383, -7.0521,
25.8233

■ 57.1518, -6.8516,
22.6913

■ 58.2199, -6.3746,
18.8710

■ 59.3428, -5.6206,
14.3663

■ 60.5204, -4.5922,
9.1876

Harmonies

Analogous

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



51.8310, 24.2044, 30.1522



51.8297, -4.2446, 31.8629



51.8310, -27.2454, 29.6846

Triad

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



51.8310, -4.2468, 31.8633



51.8310, -39.9114, -30.2682



51.8310, 51.1583, -26.4685

Complementary

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



51.8297, -4.2446, 31.8629



18.6876, 36.5714, -102.3028

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.



51.8310, 27.3101, -59.1162



51.8297, -4.2446, 31.8629



51.8310, -25.1509, -61.9884

Square

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



51.8310, -4.2468, 31.8633



51.8310, -45.0550, 1.3869



51.8310, -1.2731, -74.5760



51.8310, 59.8512, 4.2159

Rectangle

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



51.8297, -4.2446, 31.8629



51.8310, -37.4603, 25.0329



51.8310, -1.2731, -74.5760



51.8310, 44.4372, -38.0257

Sweetspot

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



51.8310, -4.2468, 31.8633



78.3501, -8.6339, 25.7378



28.6172, 49.2933, 16.2626



36.7844, -4.2249, 13.2059



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.



51.8310, -4.2468, 31.8633



69.6422, -5.4207, 42.8183



55.3447, -31.8638, 33.5450



29.2758, -2.1788, 4.2517



45.7029, -3.8387, 28.0947



7.4850, -1.1666, 4.5918

Inverse Universe

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



18.6876, 36.5714, -102.3028



24.7742, 50.7600, -140.5419



18.9084, 46.9379, -100.6489



27.3556, -0.7397, -1.4024



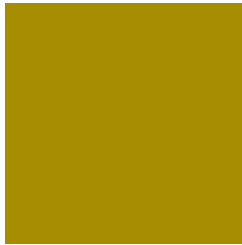
16.5958, 31.6952, -89.1640



3.4828, 2.3380, -9.4002

Previews

White Background



This preview shows how the HunterLab color 51.8297, -4.2446, 31.8629 looks on a white background.

Color Contrast Check

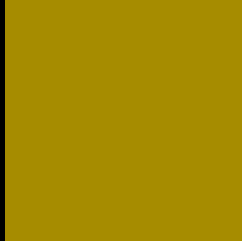
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8297, -4.2446, 31.8629 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 51.8297, -4.2446, 31.8629 Background



This preview shows how black text looks on a background with the HunterLab color 51.8297, -4.2446, 31.8629.

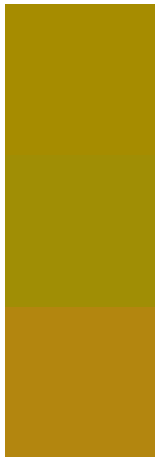


This preview shows how white text looks on a background with the HunterLab color 51.8297, -4.2446, 31.8629.

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

51.8297, -4.2446, 31.8629

Protanopia

51.7982, -7.2604, 31.6264

Deuteranopia

51.6414, 3.6509, 31.3663



Tritanopia

51.8241, 13.2299, 3.7801

Trichromacy



Original Color

51.8297, -4.2446, 31.8629

Protanomaly

51.7085, -6.1165, 31.6567

Deuteranomaly

51.6032, 0.7186, 31.4803

Tritanomaly

51.4095, 4.2071, 20.8520

Monochromacy



Original Color

51.8297, -4.2446, 31.8629

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.8849, -6.0722, 19.8436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8297, -4.2446, 31.8629 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(166, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(166, 140, 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(166, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 140, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8297, -4.2446, 31.8629 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(166, 140, 0) }
```


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

```
.border{ border-color:rgb(166, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(166, 140,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8297, -4.2446, 31.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 140, 0) }
```

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

```
.background{ background-color: rgb(166,  
140, 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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