

Converting Colors

HunterLab(48.9371, -6.3975,
30.0428)

Have a look what the booklet for
HunterLab(48.9371, -6.3975,
30.0428) contains.

HunterLab(48.8083, -6.1931, 29.9670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.8083, -6.1931,
29.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	998600
RGB	153, 134, 0
RGB Percent	60%, 53%, 0%
CMY	0.4000, 0.4745, 1.0000
CMYK	0.00, 0.12, 1.00, 0.40
HSL	53°, 100%, 30%
HSV	53°, 100%, 60%
XYZ	21.6620, 23.8225, 3.4565
YIQ	124.4050, 54.3380, -37.6460

Conversions

Conversions Part 2

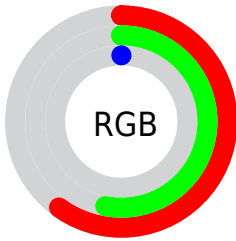
Format	Color
R_YB	22, 153, 0
Decimal	10061312
CIE Lab	55.91, -4.54, 60.65
CIE LCh	56, 60.824, 94.284
Yxy	23.8236, 0.4426, 0.4868
Android (android.graphics.Color)	4288251392 (0xFF998600)
YUV	124.4050, -61.3317, 25.0778
Hunter-Lab	48.8083, -6.1931, 29.9670

Details

The HunterLab color **48.8083, -6.1931, 29.9670** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16.6310, 35.1093, -96.5760**, and the grayscale version is **45.2714, -2.4156, 2.4597**.

A 20% lighter version of the original color is **70.5740, -7.9737, 38.7533**, and **30.1557, -3.7283, 18.5165** is the 20% darker color. If you saturate the color by 10%, you get **48.8091, -6.1946, 29.9675**, and if you desaturate by 10%, it is **49.3851, -6.8488, 29.7544**.

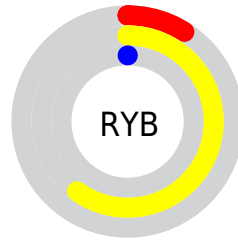
Distribution



Red (60%)

Green (53%)

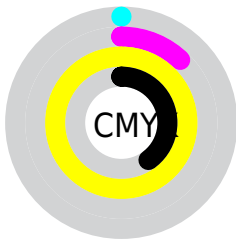
Blue (0%)



Red (9%)

Yellow (60%)

Blue (0%)

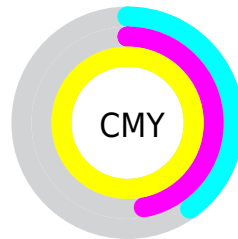


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8083, -6.1931, 29.9670 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 48.8083, -6.1931, 29.9670 by changing the saturation by 10% instead.

48.8083, -6.1931,
29.9670

48.8083, -6.1931,
29.9670

164.9023,
-14.2359, 64.3819

38.9908, -5.4039,
25.2674

70.5282, -7.8365,
38.6626

29.9364, -4.6303,
20.7809

82.3461, -8.6883,
42.7173

21.7171, -3.8704,
15.2020

94.7591, -9.5610,
46.6133

14.4284, -3.1170,
10.0999

107.7398,
-10.4547, 50.3729

8.0893, -2.8793,
5.6625

121.2645,
-11.3692, 54.0151

0.0000, NaN, NaN

0.0000, NaN, NaN

135.3120,

-12.3044, 57.5556

0.0000, NaN, NaN

149.8635,
-13.2601, 61.0075

0.0000, NaN, NaN

48.8083, -6.1931,
29.9670

48.8083, -6.1931,
29.9670

48.8091, -6.1946,
29.9675

49.3851, -6.8488,
29.7544

49.9898, -7.3574,
29.1689

50.6343, -7.6594,
28.0508

51.3220, -7.7360,
26.3543

52.0551, -7.5743,
24.0494

■ 52.8352, -7.1656,
21.1179

■ 53.6633, -6.5054,
17.5512

■ 54.5402, -5.5919,
13.3485

■ 55.4659, -4.4259,
8.5153

Harmonies

Analogous

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



48.8095, 20.3986, 28.6918



48.8083, -6.1931, 29.9670



48.8095, -27.1436, 27.5408

Triad

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



48.8095, -6.1951, 29.9673



48.8095, -36.7089, -31.3487



48.8095, 49.5368, -22.0532

Complementary

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



48.8083, -6.1931, 29.9670



16.6310, 35.1093, -96.5760

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.



48.8095, 28.0003, -53.2906



48.8083, -6.1931, 29.9670



48.8095, -22.0102, -60.3115

Square

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



48.8095, -6.1951, 29.9673



48.8095, -42.3281, -0.9355



48.8095, 1.0879, -69.9003



48.8095, 56.1399, 5.9953

Rectangle

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



48.8083, -6.1931, 29.9670



48.8095, -36.2164, 22.7159



48.8095, 1.0879, -69.9003



48.8095, 43.6147, -32.9084

Sweetspot

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



48.8095, -6.1951, 29.9673



71.7464, -8.7684, 23.7981



26.1237, 44.9343, 15.3382



33.5105, -4.2953, 12.0845



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.8095, -6.1951, 29.9673



65.1764, -8.0640, 40.0202



50.3174, -30.1936, 30.4764



26.6308, -2.0743, 3.8928



44.4101, -5.6905, 27.2657



5.7173, -1.1411, 3.5030

Inverse Universe

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



16.6310, 35.1093, -96.5760



21.9116, 48.3185, -131.6934



17.7312, 43.3324, -89.0878



24.7868, -0.5770, -1.3107



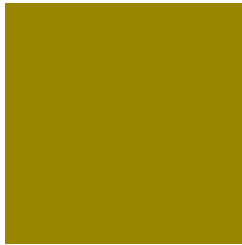
15.2141, 31.5573, -87.1393



2.5056, 1.9003, -7.2340

Previews

White Background



This preview shows how the HunterLab color 48.8083, -6.1931, 29.9670 looks on a white background.

Color Contrast Check

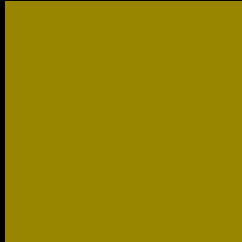
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8083, -6.1931, 29.9670 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 48.8083, -6.1931, 29.9670 Background



This preview shows how black text looks on a background with the HunterLab color 48.8083, -6.1931, 29.9670.

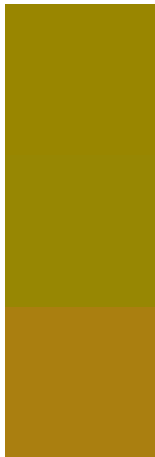


This preview shows how white text looks on a background with the HunterLab color 48.8083, -6.1931,

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

48.8083, -6.1931, 29.9670

Protanopia

48.9018, -7.3077, 29.9007

Deuteranopia

48.7465, 3.5307, 29.5029



Tritanopia

48.9546, 10.3517, 3.0309

Trichromacy



Original Color

48.8083, -6.1931, 29.9670

Protanomaly

48.9977, -6.9697, 30.0006

Deuteranomaly

48.8669, -0.2345, 29.7590

Tritanomaly

48.3356, 2.0466, 19.2779

Monochromacy



Original Color

48.8083, -6.1931, 29.9670

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.9932, -6.2750, 18.6953

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8083, -6.1931, 29.9670 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(153, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 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(153, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8083, -6.1931, 29.9670 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(153, 134, 0) }
```


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

```
.border{ border-color:rgb(153, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8083, -6.1931, 29.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 0) }
```

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

```
.background{ background-color: rgb(153,  
134, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor