

# Converting Colors

HunterLab(47.4989, 12.2228,  
29.4826)

Have a look what the booklet for  
HunterLab(47.4989, 12.2228,  
29.4826) contains.

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# Color

**HunterLab(47.4830, 12.4547,  
29.4768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B57500
RGB	181, 117, 0
RGB Percent	71%, 46%, 0%
CMY	0.2902, 0.5412, 1.0000
CMYK	0.00, 0.35, 1.00, 0.29
HSL	39°, 100%, 35%
HSV	39°, 100%, 71%
XYZ	25.4174, 22.5464, 3.0123
YIQ	122.7980, 75.7010, -22.8190

# Conversions

## Conversions Part 2

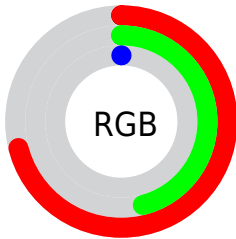
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 181, 0
Decimal	11891968
CIE Lab	54.60, 17.81, 61.24
CIE LCh	55, 63.775, 73.784
Yxy	22.5475, 0.4986, 0.4423
Android (android.graphics.Color)	4290082048 (0xFFB57500)
YUV	122.7980, -60.5394, 51.0432
Hunter-Lab	47.4830, 12.4547, 29.4768

# Details

The HunterLab color **47.4830, 12.4547, 29.4768** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **26.4638, 22.3132, -81.2440**, and the grayscale version is **44.6352, -2.3816, 2.4251**.

A 20% lighter version of the original color is **69.0265, 13.1290, 38.3364**, and **28.9721, 11.8597, 18.0601** is the 20% darker color. If you saturate the color by 10%, you get **47.4834, 12.4534, 29.4771**, and if you desaturate by 10%, it is **49.1267, 9.5857, 29.7432**.

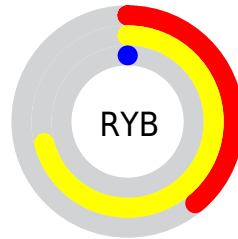
# Distribution



Red (71%)

Green (46%)

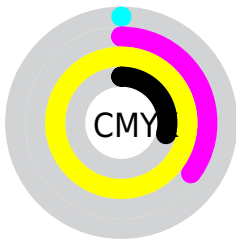
Blue (0%)



Red (39%)

Yellow (71%)

Blue (0%)

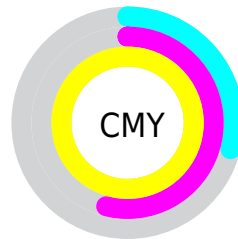


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (54%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4830, 12.4547, 29.4768 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 47.4830, 12.4547, 29.4768 by changing the saturation by 10% instead.



47.4830, 12.4547,  
29.4768

47.4830, 12.4547,  
29.4768

162.9087, 13.1850,  
64.3494

37.7621, 12.0012,  
24.7046

69.0285, 13.0778,  
38.3051

28.8124, 11.4399,  
20.1687

80.7664, 13.2730,  
42.4182

20.7087, 10.7487,  
14.4961

93.1032, 13.4000,  
46.3676

13.5507, 9.9023,  
9.4855

106.0110, 13.4646,  
50.1764

7.1386, 10.5500,  
4.9970

119.4658, 13.4715,  
53.8641

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4460, 13.4250,

57.4468

0.0000, NaN, NaN

147.9327, 13.3285,  
60.9381

0.0000, NaN, NaN

47.4830, 12.4547,  
29.4768

47.4830, 12.4547,  
29.4768

47.4834, 12.4534,  
29.4771

49.1267, 9.5857,  
29.7432

50.8583, 6.9342,  
29.4948

52.6867, 4.5649,  
28.5749

54.6106, 2.4962,  
26.9622

56.6274, 0.7352,  
24.6596

■ 58.7338, -0.7186,  
21.6853

■ 60.9260, -1.8709,  
18.0669

■ 63.2000, -2.7315,  
13.8376

■ 65.5517, -3.3123,  
9.0332

# Harmonies

## Analogous

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



47.4842, 39.8409, 25.2974



47.4830, 12.4547, 29.4768



47.4842, -14.0110, 29.6065

# Triad

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



47.4842, 12.4520, 29.4772



47.4842, -42.3935, -10.3871



47.4842, 37.8366, -47.0149

# Complementary

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



47.4830, 12.4547, 29.4768



26.4638, 22.3132, -81.2440

# 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.



47.4842, 10.1437, -72.0555



47.4830, 12.4547, 29.4768



47.4842, -33.8487, -44.2988

# Square

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



47.4842, 12.4520, 29.4772



47.4842, -42.0395, 14.1671



47.4842, -15.8688, -70.8549



47.4842, 56.5397, -12.9349



# Rectangle

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



47.4830, 12.4547, 29.4768



47.4842, -27.5452, 27.7231



47.4842, -15.8688, -70.8549



47.4842, 29.0366, -57.4281

# Sweetspot

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



47.4842, 12.4520, 29.4772



81.3850, -2.4353, 24.4437



31.9713, 55.9943, 11.0154



37.2655, -0.8535, 12.3366



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



47.4842, 12.4520, 29.4772



63.1961, 17.3604, 39.2451



63.4052, -25.3692, 38.6256



30.6446, -1.5585, 4.0499



39.5949, 10.0051, 24.5734



7.7341, 0.4488, 4.7736



# Inverse Universe

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



26.4638, 22.3132, -81.2440



34.8623, 31.2920, -111.1253



18.7944, 49.9337, -125.4534



29.5050, -1.5435, -0.9490



22.2425, 17.8413, -66.3155

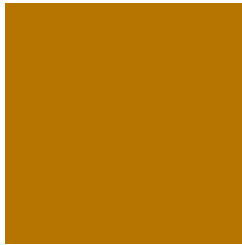


5.1777, 0.5496, -7.6581



# Previews

## White Background



This preview shows how the HunterLab color 47.4830, 12.4547, 29.4768 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 47.4830, 12.4547, 29.4768 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 47.4830, 12.4547, 29.4768 Background



This preview shows how black text looks on a background with the HunterLab color 47.4830, 12.4547, 29.4768.



This preview shows how white text looks on a background with the HunterLab color 47.4830, 12.4547,



# 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

47.4830, 12.4547, 29.4768

### Protanopia

47.7781, -6.8864, 28.8476

### Deuteranopia

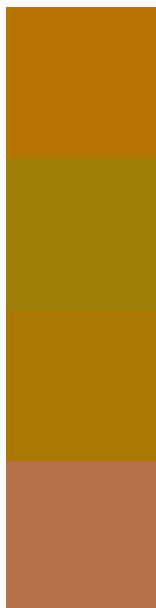
47.4577, 3.2078, 29.2993



## Tritanopia

47.6033, 25.1713, 8.8123

# Trichromacy



## Original Color

47.4830, 12.4547, 29.4768

## Protanomaly

47.6129, -0.3560, 29.0465

## Deuteranomaly

47.2575, 6.5617, 29.2347

## Tritanomaly

47.1944, 18.7636, 21.2705

# Monochromacy



## Original Color

47.4830, 12.4547, 29.4768

## Achromatopsia

44.5050, -2.3747, 2.4180

## Achromatomaly

44.8933, -0.1781, 18.1408

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.4830, 12.4547, 29.4768 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(181, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 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(181, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.4830, 12.4547, 29.4768 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(181, 117, 0) }
```



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

```
.border{ border-color:rgb(181, 117, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.4830, 12.4547, 29.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 0) }
```

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

```
.background{ background-color: rgb(181,  
117, 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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