

Converting Colors

HunterLab(49.0418, 16.1623,
30.5023)

Have a look what the booklet for
HunterLab(49.0418, 16.1623,
30.5023) contains.

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Color

**HunterLab(49.0237, 16.0292,
30.4888)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7600
RGB	191, 118, 0
RGB Percent	75%, 46%, 0%
CMY	0.2510, 0.5372, 1.0000
CMYK	0.00, 0.38, 1.00, 0.25
HSL	37°, 100%, 37%
HSV	37°, 100%, 75%
XYZ	27.9643, 24.0332, 3.1650
YIQ	126.3750, 81.3860, -21.2220

Conversions

Conversions Part 2

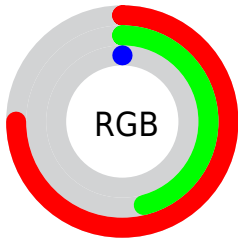
Format	Color
R_{YB}	118, 191, 0
Decimal	12547584
CIE _{Lab}	56.12, 21.68, 62.85
CIE _{LCh}	56, 66.486, 70.968
Yxy	24.0345, 0.5069, 0.4357
Android (android.graphics.Color)	4290737664 (0xFFBF7600)
YUV	126.3750, -62.3029, 56.6761
Hunter-Lab	49.0237, 16.0292, 30.4888

Details

The HunterLab color **49.0237, 16.0292, 30.4888** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **29.2008, 20.9484, -81.7192**, and the grayscale version is **46.0387, -2.4565, 2.5014**.

A 20% lighter version of the original color is **70.7371, 17.2593, 39.4391**, and **30.2684, 15.6967, 18.9261** is the 20% darker color. If you saturate the color by 10%, you get **49.0243, 16.0276, 30.4891**, and if you desaturate by 10%, it is **50.8609, 12.6884, 30.8386**.

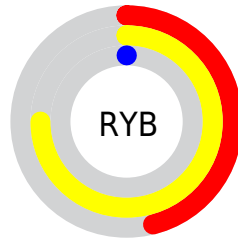
Distribution



Red (75%)

Green (46%)

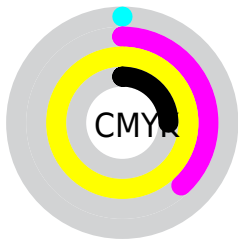
Blue (0%)



Red (46%)

Yellow (75%)

Blue (0%)

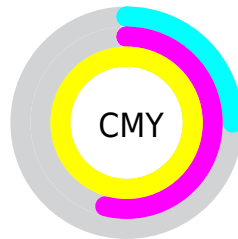


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0237, 16.0292, 30.4888 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 49.0237, 16.0292, 30.4888 by changing the saturation by 10% instead.

49.0237, 16.0292,
30.4888

49.0237, 16.0292,
30.4888

165.2255, 18.0849,
65.9795

39.1908, 15.4011,
25.6488

70.7718, 16.9817,
39.4586

30.1195, 14.6593,
21.0837

82.6026, 17.3331,
43.6430

21.8817, 13.7823,
15.3172

95.0279, 17.6109,
47.6631

14.5721, 12.7494,
10.2005

108.0203, 17.8215,
51.5417

8.2327, 12.0218,
5.7629

121.5562, 17.9700,
55.2977

0.0000, INF, NaN

0.0000, NaN, NaN

135.6146, 18.0610,

58.9474

0.0000, NaN, NaN

150.1766, 18.0982,
62.5042

0.0000, NaN, NaN

49.0237, 16.0292,
30.4888

49.0237, 16.0292,
30.4888

49.0243, 16.0276,
30.4891

50.8609, 12.6884,
30.8386

52.8059, 9.5816,
30.6279

54.8663, 6.7775,
29.7004

57.0393, 4.2969,
28.0379

59.3209, 2.1475,
25.6488

■ 61.7062, 0.3281,
22.5579

■ 64.1901, -1.1686,
18.7995

■ 66.7673, -2.3544,
14.4127

■ 69.4325, -3.2434,
9.4389

Harmonies

Analogous

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



49.0250, 44.5348, 25.6480



49.0237, 16.0292, 30.4888



49.0250, -12.3641, 30.9237

Triad

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



49.0250, 16.0262, 30.4893



49.0250, -44.7794, -8.0057



49.0250, 37.5055, -53.2217

Complementary

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



49.0237, 16.0292, 30.4888



29.2008, 20.9484, -81.7192

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.



49.0250, 7.9534, -77.9079



49.0237, 16.0292, 30.4888



49.0250, -36.7571, -43.6461

Square

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



49.0250, 16.0262, 30.4893



49.0250, -43.5550, 16.5046



49.0250, -18.8357, -73.6656



49.0250, 58.7174, -16.9404

Rectangle

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



49.0237, 16.0292, 30.4888



49.0250, -27.1672, 29.2912



49.0250, -18.8357, -73.6656



49.0250, 27.9740, -63.8672

Sweetspot

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



49.0250, 16.0262, 30.4893



85.7429, -1.4777, 25.4196



34.0006, 59.6492, 10.9365



39.5085, -0.3121, 12.9594



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



49.0250, 16.0262, 30.4893



65.2384, 22.2081, 40.5884



67.5759, -25.9854, 41.1849



32.3902, -1.5315, 4.2324



39.9428, 12.5857, 24.8329



8.6468, 1.0602, 5.3467

Inverse Universe

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



29.2008, 20.9484, -81.7192



38.5195, 29.4085, -111.6306



19.8384, 52.9321, -134.1592



31.3162, -1.7521, -0.9391



23.9756, 16.2504, -65.0473



5.9366, 0.7324, -9.0013

Previews

White Background



This preview shows how the HunterLab color 49.0237, 16.0292, 30.4888 looks on a white background.

Color Contrast Check

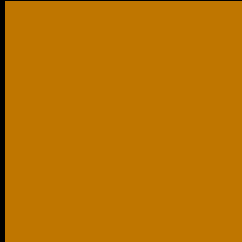
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0237, 16.0292, 30.4888 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 49.0237, 16.0292, 30.4888 Background



This preview shows how black text looks on a background with the HunterLab color 49.0237, 16.0292, 30.4888.



This preview shows how white text looks on a background with the HunterLab color 49.0237, 16.0292,

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

49.0237, 16.0292, 30.4888

Protanopia

49.0256, -6.8146, 29.5876

Deuteranopia

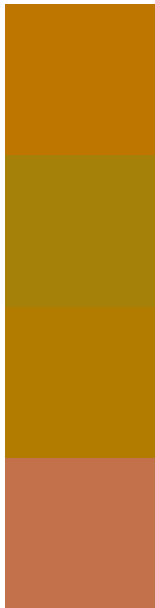
49.0880, 3.2362, 30.3044



Tritanopia

49.1891, 28.6306, 10.1522

Trichromacy



Original Color

49.0237, 16.0292, 30.4888

Protanomaly

48.8131, 0.9706, 29.7815

Deuteranomaly

48.8675, 7.8742, 30.2497

Tritanomaly

48.7725, 22.3327, 22.3523

Monochromacy



Original Color

49.0237, 16.0292, 30.4888

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.0751, 1.1457, 18.6452

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0237, 16.0292, 30.4888 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(191, 118, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 118, 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(191, 118, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 118, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0237, 16.0292, 30.4888 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(191, 118, 0) }
```


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

```
.border{ border-color:rgb(191, 118, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 118, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 118, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 118, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 118,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0237, 16.0292, 30.4888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 118, 0) }
```

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

```
.background{ background-color: rgb(191,  
118, 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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