

Converting Colors

HunterLab(50.0017, 16.2863,
31.3122)

Have a look what the booklet for
HunterLab(50.0017, 16.2863,
31.3122) contains.

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Color

**HunterLab(49.9022, 16.2775,
31.0345)**

Conversions

Conversions Part 1

Format	Color
Hex	C27800
RGB	194, 120, 0
RGB Percent	76%, 47%, 0%
CMY	0.2392, 0.5294, 1.0000
CMYK	0.00, 0.38, 1.00, 0.24
HSL	37°, 100%, 38%
HSV	37°, 100%, 76%
XYZ	28.9646, 24.9023, 3.2800
YIQ	128.4460, 82.6240, -21.6320

Conversions

Conversions Part 2

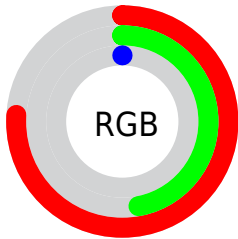
Format	Color
R_{YB}	120, 194, 0
Decimal	12744704
CIE _{Lab}	56.98, 21.90, 63.60
CIE _{LCh}	57, 67.261, 71.001
Yxy	24.9036, 0.5068, 0.4358
Android (android.graphics.Color)	4290934784 (0xFFC27800)
YUV	128.4460, -63.3239, 57.4909
Hunter-Lab	49.9022, 16.2775, 31.0345

Details

The HunterLab color **49.9022, 16.2775, 31.0345** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **29.6525, 21.4672, -83.4038**, and the grayscale version is **46.8552, -2.5001, 2.5457**.

A 20% lighter version of the original color is **71.5419, 17.1087, 39.8510**, and **30.9432, 15.5620, 19.3395** is the 20% darker color. If you saturate the color by 10%, you get **49.9028, 16.2757, 31.0348**, and if you desaturate by 10%, it is **51.7700, 12.8781, 31.3993**.

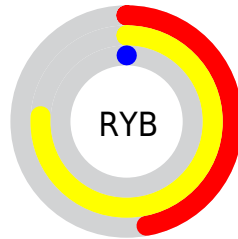
Distribution



Red (76%)

Green (47%)

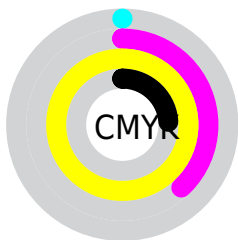
Blue (0%)



Red (47%)

Yellow (76%)

Blue (0%)

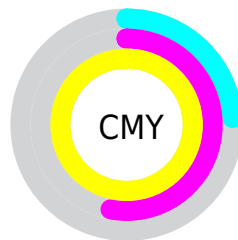


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9022, 16.2775, 31.0345 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 49.9022, 16.2775, 31.0345 by changing the saturation by 10% instead.

■ 49.9022, 16.2775,
31.0345

■ 49.9022, 16.2775,
31.0345

166.5405, 18.3587,
66.7883

■ 40.0066, 15.6483,
26.1676

■ 71.7640, 17.2339,
40.0621

■ 30.8672, 14.9064,
21.5850

■ 83.6471, 17.5879,
44.2764

■ 22.5545, 14.0307,
15.7882

■ 96.1221, 17.8686,
48.3265

■ 15.1606, 13.0007,
10.6124

■ 109.1621, 18.0821,
52.2349

■ 8.7914, 11.9352,
6.1540

■ 122.7437, 18.2338,
56.0205

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.8460, 18.3281,

59.6993

0.0000, NaN, NaN

151.4505, 18.3686,
63.2848

0.0000, NaN, NaN

49.9022, 16.2775,
31.0345

49.9022, 16.2775,
31.0345

49.9028, 16.2757,
31.0348

51.7700, 12.8781,
31.3993

53.7476, 9.7180,
31.1902

55.8425, 6.8663,
30.2506

58.0520, 4.3443,
28.5612

60.3719, 2.1600,
26.1305

■ 62.7975, 0.3122,
22.9835

■ 65.3234, -1.2066,
19.1550

■ 67.9443, -2.4081,
14.6849

■ 70.6549, -3.3069,
9.6154

Harmonies

Analogous

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



49.9035, 45.2912, 26.1134



49.9022, 16.2775, 31.0345



49.9035, -12.6115, 31.4736

Triad

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



49.9035, 16.2745, 31.0350



49.9035, -45.5697, -8.1816



49.9035, 38.1966, -54.1176

Complementary

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



49.9022, 16.2775, 31.0345



29.6525, 21.4672, -83.4038

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.



49.9035, 8.1264, -79.2609



49.9022, 16.2775, 31.0345



49.9035, -37.3941, -44.4535

Square

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



49.9035, 16.2745, 31.0350



49.9035, -44.3337, 16.7783



49.9035, -19.1438, -74.9796



49.9035, 59.7656, -17.1994

Rectangle

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



49.9022, 16.2775, 31.0345



49.9035, -27.6697, 29.8083



49.9035, -19.1438, -74.9796



49.9035, 28.4996, -64.9553

Sweetspot

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



49.9035, 16.2745, 31.0350



87.7605, -1.5360, 26.0502



34.5960, 60.6891, 11.1649



40.3781, -0.3281, 13.2704

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9035, 16.2745, 31.0350



66.7907, 22.6844, 41.5532



68.7623, -26.4498, 41.9078



33.3047, -1.5770, 4.3624



40.6638, 12.7897, 25.2808



9.1878, 1.2352, 5.6831

Inverse Universe

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



29.6525, 21.4672, -83.4038



39.3392, 30.3068, -114.5943



20.1819, 53.8591, -136.5611



32.1927, -1.7981, -0.9781



24.3473, 16.6719, -66.4218



6.2409, 0.9779, -9.9116

Previews

White Background



This preview shows how the HunterLab color 49.9022, 16.2775, 31.0345 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 49.9022, 16.2775, 31.0345 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 49.9022, 16.2775, 31.0345 Background



This preview shows how black text looks on a background with the HunterLab color 49.9022, 16.2775, 31.0345.



This preview shows how white text looks on a background with the HunterLab color 49.9022, 16.2775,

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

49.9022, 16.2775, 31.0345

Protanopia

50.1769, -7.1086, 30.3034

Deuteranopia

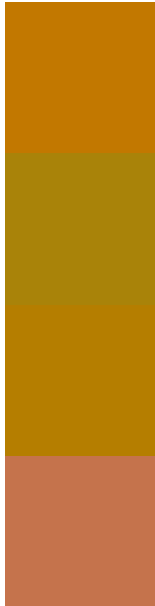
49.9639, 3.4431, 30.8478



Tritanopia

50.0864, 29.0200, 10.3366

Trichromacy



Original Color

49.9022, 16.2775, 31.0345

Protanomaly

49.6864, 1.1659, 30.3285

Deuteranomaly

49.7448, 8.0976, 30.7943

Tritanomaly

49.6524, 22.6162, 22.8269

Monochromacy



Original Color

49.9022, 16.2775, 31.0345

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.8366, 0.9952, 19.0235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9022, 16.2775, 31.0345 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(194, 120, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 120, 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(194, 120, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 120, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9022, 16.2775, 31.0345 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(194, 120, 0) }
```


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

```
.border{ border-color:rgb(194, 120, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 120, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 120, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 120, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 120,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9022, 16.2775, 31.0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 120, 0) }
```

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

```
.background{ background-color: rgb(194,  
120, 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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