

Converting Colors

HunterLab(49.9141, 18.8466,
30.7782)

Have a look what the booklet for
HunterLab(49.9141, 18.8466,
30.7782) contains.

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Color

**HunterLab(49.9824, 19.0132,
30.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	C67609
RGB	198, 118, 9
RGB Percent	78%, 46%, 4%
CMY	0.2235, 0.5372, 0.9647
CMYK	0.00, 0.40, 0.95, 0.22
HSL	35°, 91%, 41%
HSV	35°, 95%, 78%
XYZ	29.8165, 24.9824, 3.5090
YIQ	129.4940, 82.6690, -16.9390

Conversions

Conversions Part 2

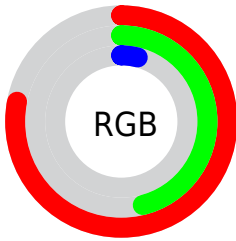
Format	Color
R _Y B	148, 198, 9
Decimal	13006345
CIE Lab	57.06, 24.83, 62.32
CIE LCh	57, 67.079, 68.277
Yxy	24.9837, 0.5114, 0.4285
Android (android.graphics.Color)	4291196425 (0xFFC67609)
YUV	129.4940, -59.4035, 60.0798
Hunter-Lab	49.9824, 19.0132, 30.8252

Details

The HunterLab color **49.9824, 19.0132, 30.8252** 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 **33.5862, 14.9826, -73.3549**, and the grayscale version is **47.2526, -2.5213, 2.5673**.

A 20% lighter version of the original color is **71.0383, 18.2856, 39.1182**, and **31.0798, 18.0296, 19.4668** is the 20% darker color. If you saturate the color by 10%, you get **49.0754, 20.7905, 30.6040**, and if you desaturate by 10%, it is **52.0713, 15.2058, 31.0429**.

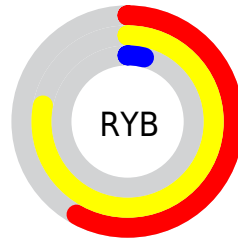
Distribution



Red (78%)

Green (46%)

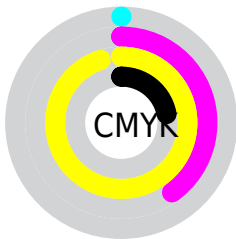
Blue (4%)



Red (58%)

Yellow (78%)

Blue (4%)

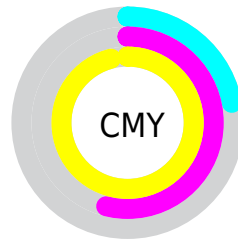


Cyan (0%)

Magenta (40%)

Yellow (95%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9824, 19.0132, 30.8252 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 49.9824, 19.0132, 30.8252 by changing the saturation by 10% instead.

49.9824, 19.0132,
30.8252

49.9824, 19.0132,
30.8252

166.6604, 22.1334,
65.9295

40.0811, 18.2469,
26.0445

71.8546, 20.2285,
39.6855

30.9356, 17.3629,
21.4432

83.7424, 20.7050,
43.8211

22.6161, 16.3415,
15.8313

96.2219, 21.1039,
47.7962

15.2145, 15.1665,
10.6502

109.2662, 21.4319,
51.6329

8.8405, 13.9589,
6.1883

122.8520, 21.6945,
55.3501

0.0000, INF, NaN

0.0000, NaN, NaN

136.9583, 21.8963,

58.9635

0.0000, NaN, NaN

151.5667, 22.0415,
62.4863

0.0000, NaN, NaN

49.9824, 19.0132,
30.8252

49.9824, 19.0132,
30.8252

49.0754, 20.7905,
30.6040

52.0713, 15.2058,
31.0429

54.3021, 11.6931,
30.5400

56.6722, 8.5088,
29.2801

59.1755, 5.6699,
27.2673

61.8051, 3.1801,
24.5276

■ 64.5535, 1.0340,
21.0996

■ 67.4134, -0.7800,
17.0282

■ 70.3776, -2.2774,
12.3603

■ 73.4394, -3.4757,
7.1424

Harmonies

Analogous

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



49.9837, 47.3816, 25.2785



49.9824, 19.0132, 30.8252



49.9837, -10.2344, 31.5734

Triad

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



49.9837, 19.0101, 30.8257



49.9837, -45.7864, -5.2841



49.9837, 35.5242, -57.0224

Complementary

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



49.9824, 19.0132, 30.8252



33.5862, 14.9826, -73.3549

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.



49.9837, 5.3735, -79.8978



49.9824, 19.0132, 30.8252



49.9837, -38.4937, -40.9057

Square

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



49.9837, 19.0101, 30.8257



49.9837, -43.7074, 18.2869



49.9837, -21.1869, -72.7669



49.9837, 58.2920, -20.3664

Rectangle

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



49.9824, 19.0132, 30.8252



49.9837, -25.8385, 30.1568



49.9837, -21.1869, -72.7669



49.9837, 25.6804, -67.2971

Sweetspot

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



49.9837, 19.0101, 30.8257



88.1749, -0.1278, 24.9174



35.9930, 62.3366, 7.0017



40.0347, 0.4343, 12.5946

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9837, 19.0101, 30.8257



64.9218, 28.4906, 40.5033



71.2543, -23.6199, 43.2778



34.1111, -1.4352, 4.3725



39.7932, 16.3028, 24.8058



9.4396, 1.9708, 5.8511

Inverse Universe

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



33.5862, 14.9826, -73.3549



42.3449, 24.5594, -105.9441



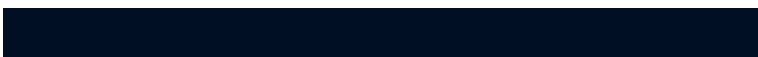
21.0687, 53.0467, -136.4360



33.1860, -2.0313, -0.8783



26.3006, 13.4385, -61.8833



6.8581, 0.6548, -9.9854

Previews

White Background



This preview shows how the HunterLab color 49.9824, 19.0132, 30.8252 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 49.9824, 19.0132, 30.8252 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 49.9824, 19.0132, 30.8252 Background



This preview shows how black text looks on a background with the HunterLab color 49.9824, 19.0132, 30.8252.



This preview shows how white text looks on a background with the HunterLab color 49.9824, 19.0132,

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

49.9824, 19.0132, 30.8252

Protanopia

50.1856, -7.0600, 30.1740

Deuteranopia

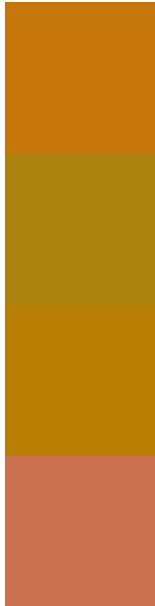
49.9639, 3.4431, 30.8478



Tritanopia

50.0164, 30.9673, 11.0446

Trichromacy



Original Color

49.9824, 19.0132, 30.8252

Protanomaly

49.9222, 1.9901, 30.3032

Deuteranomaly

49.9956, 8.9268, 30.8611

Tritanomaly

49.7773, 25.3732, 22.5316

Monochromacy



Original Color

49.9824, 19.0132, 30.8252

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.1096, 2.0528, 18.2482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9824, 19.0132, 30.8252 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(198, 118, 9)` looks like.

```
.text, #text, p{  
    color:rgb(198, 118, 9)  
}
```

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(198, 118, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 118, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9824, 19.0132, 30.8252 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(198, 118, 9) }
```


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

```
.border{ border-color:rgb(198, 118, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 118, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 118, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 118, 9);  
box-shadow:4px 4px 4px 4px rgb(198, 118,  
9) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9824, 19.0132, 30.8252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 118, 9) }
```

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

```
.background{ background-color: rgb(198,  
118, 9) }
```

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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