

Converting Colors

HunterLab(49.9835, 15.4864,
25.6019)

Have a look what the booklet for
HunterLab(49.9835, 15.4864,
25.6019) contains.

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Color

**HunterLab(49.8411, 15.5391,
25.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	BD793E
RGB	189, 121, 62
RGB Percent	74%, 47%, 24%
CMY	0.2588, 0.5255, 0.7569
CMYK	0.00, 0.36, 0.67, 0.26
HSL	28°, 51%, 49%
HSV	28°, 67%, 74%
XYZ	28.6931, 24.8414, 7.8400
YIQ	134.6060, 59.4670, -3.9330

Conversions

Conversions Part 2

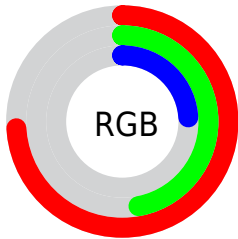
Format	Color
R _Y B	189, 172, 62
Decimal	12417342
CIE Lab	56.92, 21.10, 42.52
CIE LCh	57, 47.468, 63.608
Yxy	24.8426, 0.4675, 0.4048
Android (android.graphics.Color)	4290607422 (0xFFBD793E)
YUV	134.6060, -35.7948, 47.7035
Hunter-Lab	49.8411, 15.5391, 25.5625

Details

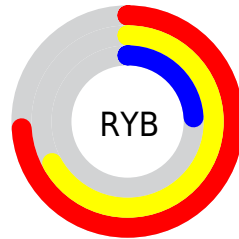
The HunterLab color **49.8411, 15.5391, 25.5625** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45.4559, -4.3323, -34.8621**, and the grayscale version is **49.1877, -2.6245, 2.6725**.

A 20% lighter version of the original color is **71.8204, 16.2973, 31.8859**, and **30.8003, 14.1596, 18.5573** is the 20% darker color. If you saturate the color by 10%, you get **47.2631, 19.6242, 26.5875**, and if you desaturate by 10%, it is **52.6093, 11.7598, 23.8722**.

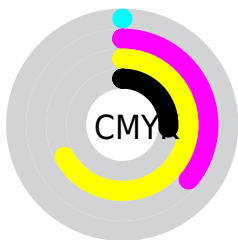
Distribution



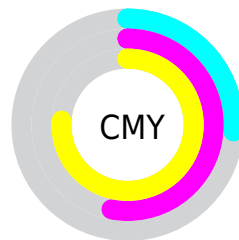
- Red (74%)
- Green (47%)
- Blue (24%)



- Red (74%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (26%)



- Cyan (26%)
- Magenta (53%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8411, 15.5391, 25.5625 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 49.8411, 15.5391, 25.5625 by changing the saturation by 10% instead.

49.8411, 15.5391,
25.5625

49.8411, 15.5391,
25.5625

166.4492, 17.3369,
50.8436

39.9498, 14.9478,
22.1668

71.6950, 16.4249,
31.8393

30.8152, 14.2450,
18.5416

83.5745, 16.7454,
34.7825

22.5076, 13.4098,
15.0378

96.0460, 16.9938,
37.6265

15.1195, 12.4206,
10.5837

109.0828, 17.1762,
40.3882

8.7537, 11.4071,
6.1276

122.6612, 17.2976,
43.0808

0.0000, INF, NaN

0.0000, NaN, NaN

136.7605, 17.3625,

45.7154

0.0000, NaN, NaN

151.3620, 17.3746,
48.3005

0.0000, NaN, NaN

■ 49.8411, 15.5391,
25.5625

■ 49.8411, 15.5391,
25.5625

■ 47.2631, 19.6242,
26.5875

■ 52.6093, 11.7598,
23.8722

■ 44.8863, 23.9855,
26.9226

■ 55.5487, 8.3099,
21.5594

■ 42.7231, 28.5429,
26.6142

■ 58.6460, 5.1861,
18.6786

■ 42.1510, 29.8196,
26.4953

■ 61.8873, 2.3779,
15.2854

■ 65.2603, -0.1315,
11.4331

■ 68.7536, -2.3620,
7.1710

■ 72.3571, -4.3350,
2.5430

■ 76.0617, -6.0715,
-2.4118

■ 79.8596, -7.5921,
-7.6595

Harmonies

Analogous

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



49.8424, 33.4267, 18.9637



49.8411, 15.5391, 25.5625



49.8424, -5.0504, 27.1017

Triad

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



49.8424, 15.5363, 25.5631



49.8424, -35.4244, 0.3645



49.8424, 20.3658, -38.1839

Complementary

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



49.8411, 15.5391, 25.5625



45.4559, -4.3323, -34.8621

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.



49.8424, -0.2280, -49.0859



49.8411, 15.5391, 25.5625



49.8424, -30.7246, -21.9688

Square

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



49.8424, 15.5363, 25.5631



49.8424, -32.5474, 16.3463



49.8424, -18.5742, -42.2188



49.8424, 36.5084, -16.3576

Rectangle

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



49.8411, 15.5391, 25.5625



49.8424, -17.0959, 25.8869



49.8424, -18.5742, -42.2188



49.8424, 13.6276, -43.5664

Sweetspot

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



49.8424, 15.5363, 25.5631



85.9084, 0.8321, 16.9739



39.9074, 50.3184, -6.8809



39.2489, 0.8211, 8.5471



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



49.8424, 15.5363, 25.5631



61.5941, 29.1990, 35.9258



66.9994, -14.0990, 37.0047



32.0114, -0.8962, 3.8244



34.7911, 23.9386, 21.8572



7.7787, 2.7505, 4.8413

Inverse Universe

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



45.4559, -4.3323, -34.8621



54.6344, -1.0621, -59.9270



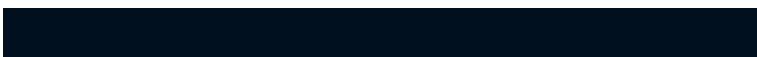
29.7912, 27.3177, -76.9796



31.6993, -2.3839, -0.4700



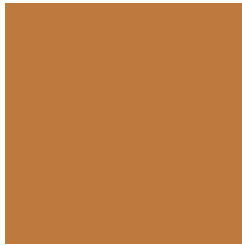
29.8554, 3.9591, -45.8631



6.9200, -0.9383, -6.6238

Previews

White Background



This preview shows how the HunterLab color 49.8411, 15.5391, 25.5625 looks on a white background.

Color Contrast Check

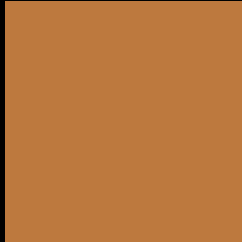
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8411, 15.5391, 25.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

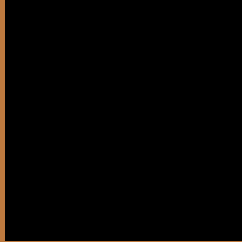
Any Text WCAG AA ✓ Pass

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 49.8411, 15.5391, 25.5625 Background



This preview shows how black text looks on a background with the HunterLab color 49.8411, 15.5391, 25.5625.



This preview shows how white text looks on a background with the HunterLab color 49.8411, 15.5391,

25.5625.

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

49.8411, 15.5391, 25.5625

Protanopia

49.9720, -5.6246, 24.3937

Deuteranopia

49.8373, 3.6721, 25.6880



Tritanopia

49.8018, 26.0535, 8.8347

Trichromacy



Original Color

49.8411, 15.5391, 25.5625

Protanomaly

49.6121, 1.6425, 24.6229

Deuteranomaly

49.8626, 7.8322, 25.6126

Tritanomaly

49.8685, 21.7180, 16.4709

Monochromacy



Original Color

49.8411, 15.5391, 25.5625

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.0067, 2.4089, 13.0755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8411, 15.5391, 25.5625 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(189, 121, 62)` looks like.

```
.text, #text, p{  
    color:rgb(189, 121, 62)  
}
```

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(189, 121, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 121, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8411, 15.5391, 25.5625 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(189, 121, 62) }
```


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

```
.border{ border-color:rgb(189, 121, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 121, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 121, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 121, 62);  
box-shadow:4px 4px 4px 4px rgb(189, 121,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8411, 15.5391, 25.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 121, 62) }
```

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

```
.background{ background-color: rgb(189,  
121, 62) }
```

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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