

Converting Colors

HunterLab(49.3790, 18.8932,
25.2012)

Have a look what the booklet for
HunterLab(49.3790, 18.8932,
25.2012) contains.

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Color

**HunterLab(49.4043, 19.1270,
25.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	C1753E
RGB	193, 117, 62
RGB Percent	76%, 46%, 24%
CMY	0.2431, 0.5412, 0.7569
CMYK	0.00, 0.39, 0.68, 0.24
HSL	25°, 51%, 50%
HSV	25°, 68%, 76%
XYZ	29.2231, 24.4078, 7.7284
YIQ	133.4540, 62.9510, -0.9930

Conversions

Conversions Part 2

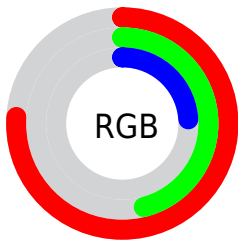
Format	Color
RYB	193, 157, 62
Decimal	12678462
CIELab	56.50, 24.99, 42.18
CIELCh	56, 49.029, 59.355
Yxy	24.4091, 0.4763, 0.3978
Android (android.graphics.Color)	4290868542 (0xFFC1753E)
YUV	133.4540, -35.2268, 52.2218
Hunter-Lab	49.4043, 19.1270, 25.3082

Details

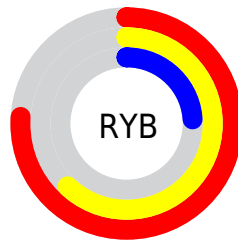
The HunterLab color **49.4043, 19.1270, 25.3082** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **48.0105, -7.0566, -32.8446**, and the grayscale version is **48.7284, -2.6000, 2.6475**.

A 20% lighter version of the original color is **71.2755, 20.0388, 31.5189**, and **30.5192, 17.5456, 18.3732** is the 20% darker color. If you saturate the color by 10%, you get **46.6674, 23.7367, 26.3044**, and if you desaturate by 10%, it is **52.3709, 14.8094, 23.6496**.

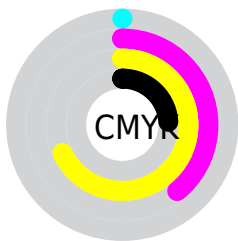
Distribution



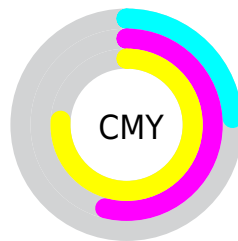
- Red (76%)
- Green (46%)
- Blue (24%)



- Red (76%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (54%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4043, 19.1270, 25.3082 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 49.4043, 19.1270, 25.3082 by changing the saturation by 10% instead.

49.4043, 19.1270,
25.3082

49.4043, 19.1270,
25.3082

165.7958, 22.3418,
50.4559

39.5441, 18.3469,
21.9285

71.2018, 20.3677,
31.5531

30.4433, 17.4477,
18.3185

83.0554, 20.8556,
34.4807

22.1728, 16.4100,
14.8668

95.5022, 21.2654,
37.3095

14.8265, 15.2183,
10.3786

108.5153, 21.6037,
40.0563

8.4797, 14.1919,
5.9358

122.0711, 21.8760,
42.7345

0.0000, INF, NaN

0.0000, NaN, NaN

136.1485, 22.0872,

45.3549

0.0000, NaN, NaN

150.7290, 22.2413,
47.9263

0.0000, NaN, NaN

■ 49.4043, 19.1270,
25.3082

■ 49.4043, 19.1270,
25.3082

■ 46.6674, 23.7367,
26.3044

■ 52.3709, 14.8094,
23.6496

■ 44.1767, 28.5882,
26.6055

■ 55.5427, 10.8208,
21.3810

■ 41.9487, 33.5653,
26.2697

■ 58.9015, 7.1646,
18.5653

■ 41.5064, 34.6081,
26.1819

■ 62.4294, 3.8329,
15.2647

■ 66.1100, 0.8091,
11.5368

■ 69.9291, -1.9279,
7.4335

■ 73.8739, -4.4012,
2.9997

■ 77.9334, -6.6339,
-1.7256

■ 82.0978, -8.6483,
-6.7094

Harmonies

Analogous

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



49.4056, 36.6684, 17.7772



49.4043, 19.1270, 25.3082



49.4056, -2.1935, 27.4238

Triad

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



49.4056, 19.1241, 25.3088



49.4056, -36.2257, 3.1102



49.4056, 18.2287, -42.4842

Complementary

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



49.4043, 19.1270, 25.3082



48.0105, -7.0566, -32.8446

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.



49.4056, -3.0825, -51.4871



49.4043, 19.1270, 25.3082



49.4056, -32.5398, -19.4747

Square

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



49.4056, 19.1241, 25.3088



49.4056, -32.2079, 18.2505



49.4056, -21.1847, -41.7253



49.4056, 36.0949, -20.5225

Rectangle

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



49.4043, 19.1270, 25.3082



49.4056, -15.0468, 26.6123



49.4056, -21.1847, -41.7253



49.4056, 11.1291, -47.4452

Sweetspot

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



49.4056, 19.1241, 25.3088



87.2554, 2.0331, 16.7050



40.7798, 52.6521, -9.1394



39.7655, 1.4665, 8.4003



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.



49.4056, 19.1241, 25.3088



60.9475, 34.5868, 35.4951



67.2125, -12.4360, 37.1779



32.7984, -0.7264, 3.8163



34.0724, 27.6616, 21.4795



7.9857, 3.6378, 4.9845

Inverse Universe

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



48.0105, -7.0566, -32.8446



58.6418, -5.6057, -55.3225



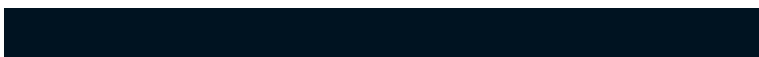
31.0302, 26.1709, -76.8204



32.7058, -2.6430, -0.3506



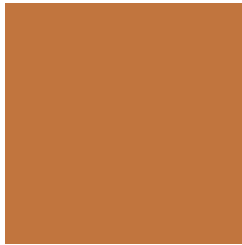
32.2861, 0.6312, -41.7175



7.6436, -1.3865, -6.5608

Previews

White Background



This preview shows how the HunterLab color 49.4043, 19.1270, 25.3082 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 49.4043, 19.1270, 25.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

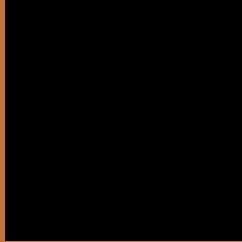
Any Text WCAG AA ✓ Pass

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 49.4043, 19.1270, 25.3082 Background



This preview shows how black text looks on a background with the HunterLab color 49.4043, 19.1270, 25.3082.



This preview shows how white text looks on a background with the HunterLab color 49.4043, 19.1270,

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

49.4043, 19.1270, 25.3082

Protanopia

49.5073, -5.7829, 23.8554

Deuteranopia

49.4483, 3.7181, 25.5737



Tritanopia

49.4333, 28.2438, 10.0223

Trichromacy



Original Color

49.4043, 19.1270, 25.3082

Protanomaly

49.1944, 3.0232, 24.1543

Deuteranomaly

49.4555, 9.1332, 25.5091

Tritanomaly

49.2891, 24.6173, 16.9028

Monochromacy



Original Color

49.4043, 19.1270, 25.3082

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.1756, 3.7312, 12.6318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4043, 19.1270, 25.3082 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(193, 117, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 117, 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(193, 117, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 117, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4043, 19.1270, 25.3082 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(193, 117, 62) }
```


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

```
.border{ border-color:rgb(193, 117, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 117, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 117, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 117, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 117,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4043, 19.1270, 25.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 117, 62) }
```

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

```
.background{ background-color: rgb(193,  
117, 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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