

Converting Colors

HunterLab(49.4699, 26.7307,
26.3674)

Have a look what the booklet for
HunterLab(49.4699, 26.7307,
26.3674) contains.

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Color

**HunterLab(49.4991, 26.3376,
26.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6F39
RGB	204, 111, 57
RGB Percent	80%, 44%, 22%
CMY	0.2000, 0.5647, 0.7765
CMYK	0.00, 0.46, 0.72, 0.20
HSL	22°, 59%, 51%
HSV	22°, 72%, 80%
XYZ	31.3248, 24.5016, 6.9491
YIQ	132.6510, 72.7620, 2.9220

Conversions

Conversions Part 2

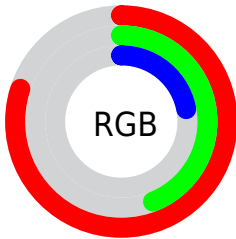
Format	Color
RYB	204, 142, 57
Decimal	13397817
CIELab	56.59, 32.49, 45.22
CIELCh	57, 55.688, 54.302
Yxy	24.5029, 0.4990, 0.3903
Android (android.graphics.Color)	4291587897 (0xFFCC6F39)
YUV	132.6510, -37.2959, 62.5731
Hunter-Lab	49.4991, 26.3376, 26.3257

Details

The HunterLab color **49.4991, 26.3376, 26.3257** 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 **52.0004, -10.3609, -33.2735**, and the grayscale version is **48.4160, -2.5834, 2.6305**.

A 20% lighter version of the original color is **69.9088, 23.6314, 31.6941**, and **30.4630, 24.0550, 18.8569** is the 20% darker color. If you saturate the color by 10%, you get **46.6075, 31.8254, 27.0915**, and if you desaturate by 10%, it is **52.6990, 21.0838, 24.8589**.

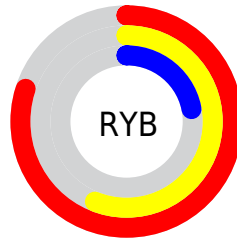
Distribution



Red (80%)

Green (44%)

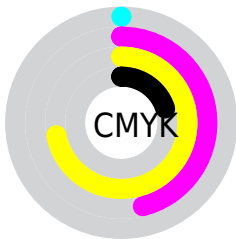
Blue (22%)



Red (80%)

Yellow (56%)

Blue (22%)

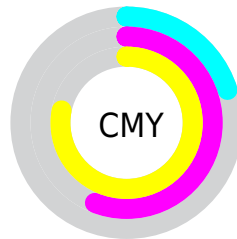


Cyan (0%)

Magenta (46%)

Yellow (72%)

Black (20%)



Cyan (20%)

Magenta (56%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4991, 26.3376, 26.3257 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 49.4991, 26.3376, 26.3257 by changing the saturation by 10% instead.

49.4991, 26.3376,
26.3257

49.4991, 26.3376,
26.3257

165.9377, 32.1423,
52.9642

39.6322, 25.2247,
22.7270

71.3089, 28.2151,
32.9689

30.5240, 23.9869,
18.8856

83.1681, 29.0071,
36.0779

22.2455, 22.6118,
15.4568

95.6203, 29.7117,
39.0779

14.8901, 21.1058,
10.4230

108.6386, 30.3361,
41.9869

8.5400, 19.8565,
5.9780

122.1993, 30.8865,
44.8194

0.0000, INF, NaN

0.0000, NaN, NaN

136.2815, 31.3680,

47.5870

0.0000, NaN, NaN

150.8665, 31.7853,
50.2993

0.0000, NaN, NaN

■ 49.4991, 26.3376,
26.3257

■ 49.4991, 26.3376,
26.3257

■ 46.6075, 31.8254,
27.0915

■ 52.6990, 21.0838,
24.8589

■ 44.0490, 37.4350,
27.1276

■ 56.1735, 16.1444,
22.7520

■ 42.2636, 41.8218,
26.7748

■ 59.8950, 11.5482,
20.0807

■ 63.8373, 7.3007,
16.9196

■ 67.9766, 3.3912,
13.3366

■ 72.2925, -0.2010,
9.3910

■ 76.7669, -3.5009,
5.1330

■ 81.3845, -6.5349,
0.6047

■ 86.1317, -9.3292,
-4.1594

Harmonies

Analogous

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



49.5004, 45.2133, 17.2312



49.4991, 26.3376, 26.3257



49.5004, 1.8878, 29.1210

Triad

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



49.5004, 26.3343, 26.3263



49.5004, -39.8288, 6.7456



49.5004, 17.1954, -54.0809

Complementary

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



49.4991, 26.3376, 26.3257



52.0004, -10.3609, -33.2735

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.



49.5004, -7.0182, -61.3199



49.4991, 26.3376, 26.3257



49.5004, -37.2420, -18.2717

Square

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



49.5004, 26.3343, 26.3263



49.5004, -34.0504, 21.6823



49.5004, -26.1869, -45.9736



49.5004, 39.2901, -29.2193

Rectangle

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



49.4991, 26.3376, 26.3257



49.5004, -13.2412, 28.7688



49.5004, -26.1869, -45.9736



49.5004, 8.9276, -59.0254

Sweetspot

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



49.5004, 26.3343, 26.3263



87.3548, 4.4744, 17.2737



42.3897, 60.0536, -13.2454



39.7270, 2.6913, 8.5992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5004, 26.3343, 26.3263



58.2564, 44.6048, 35.0039



68.9782, -9.7900, 39.0053



34.4636, -0.5193, 3.8869



33.7730, 32.5261, 21.3802



8.5576, 5.1804, 5.3638

Inverse Universe

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



52.0004, -10.3609, -33.2735



61.6678, -9.5423, -53.1274



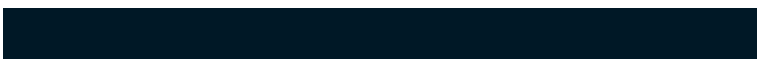
32.3753, 27.2167, -84.1915



34.6512, -3.0306, -0.2097



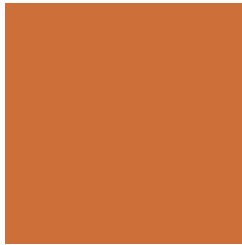
35.8020, -3.3383, -37.5429



8.9610, -2.0445, -6.7871

Previews

White Background



This preview shows how the HunterLab color 49.4991, 26.3376, 26.3257 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 49.4991, 26.3376, 26.3257 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 49.4991, 26.3376, 26.3257 Background



This preview shows how black text looks on a background with the HunterLab color 49.4991, 26.3376, 26.3257.



This preview shows how white text looks on a background with the HunterLab color 49.4991, 26.3376, 26.3257.

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

49.4991, 26.3376, 26.3257

Protanopia

49.5674, -5.6421, 24.4625

Deuteranopia

49.4919, 3.7273, 26.6699



Tritanopia

49.5362, 34.7769, 12.7853

Trichromacy



Original Color

49.4991, 26.3376, 26.3257

Protanomaly

49.0638, 5.2238, 24.8170

Deuteranomaly

49.1228, 11.8440, 26.2642

Tritanomaly

49.4064, 31.4747, 18.8443

Monochromacy



Original Color

49.4991, 26.3376, 26.3257

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.0188, 5.8567, 13.1899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4991, 26.3376, 26.3257 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(204, 111, 57)` looks like.

```
.text, #text, p{  
    color:rgb(204, 111, 57)  
}
```

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(204, 111, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 111, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4991, 26.3376, 26.3257 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(204, 111, 57) }
```


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

```
.border{ border-color:rgb(204, 111, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 111, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 111, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 111, 57);  
box-shadow:4px 4px 4px 4px rgb(204, 111,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4991, 26.3376, 26.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 111, 57) }
```

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

```
.background{ background-color: rgb(204,  
111, 57) }
```

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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