

Converting Colors

HunterLab(49.5223, 27.6750,
27.4448)

Have a look what the booklet for
HunterLab(49.5223, 27.6750,
27.4448) contains.

HunterLab(49.6463, 27.7550, 27.4739)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.6463, 27.7550,
27.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6E32
RGB	207, 110, 50
RGB Percent	81%, 43%, 20%
CMY	0.1882, 0.5686, 0.8039
CMYK	0.00, 0.47, 0.76, 0.19
HSL	23°, 62%, 50%
HSV	23°, 76%, 81%
XYZ	31.8838, 24.6476, 6.0946
YIQ	132.1630, 77.0720, 1.9040

Conversions

Conversions Part 2

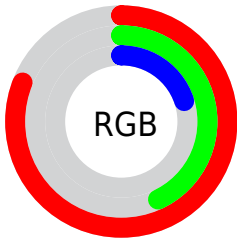
Format	Color
R _Y B	207, 147, 50
Decimal	13594162
CIE Lab	56.73, 33.92, 48.89
CIE LCh	57, 59.505, 55.250
Yxy	24.6489, 0.5091, 0.3936
Android (android.graphics.Color)	4291784242 (0xFFCF6E32)
YUV	132.1630, -40.5064, 65.6320
Hunter-Lab	49.6463, 27.7550, 27.4739

Details

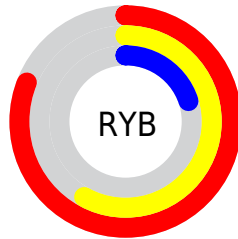
The HunterLab color **49.6463, 27.7550, 27.4739** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **51.0382, -8.8393, -37.2803**, and the grayscale version is **48.2344, -2.5737, 2.6207**.

A 20% lighter version of the original color is **69.5518, 23.6406, 32.9936**, and **30.7161, 25.5622, 19.3746** is the 20% darker color. If you saturate the color by 10%, you get **46.8458, 33.2927, 27.9529**, and if you desaturate by 10%, it is **52.7556, 22.4378, 26.2571**.

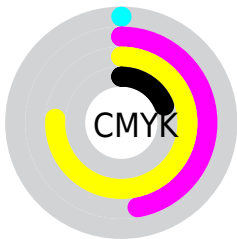
Distribution



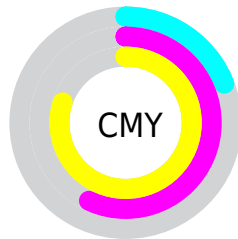
- Red (81%)
- Green (43%)
- Blue (20%)



- Red (81%)
- Yellow (58%)
- Blue (20%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (19%)



- Cyan (19%)
- Magenta (57%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6463, 27.7550, 27.4739 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 49.6463, 27.7550, 27.4739 by changing the saturation by 10% instead.

49.6463, 27.7550,
27.4739

49.6463, 27.7550,
27.4739

166.1580, 34.0282,
55.9165

39.7689, 26.5839,
23.6142

71.4752, 29.7458,
34.5961

30.6493, 25.2880,
19.5004

83.3431, 30.5924,
37.9244

22.3583, 23.8568,
15.6508

95.8036, 31.3504,
41.1318

14.9888, 22.3019,
10.4921

108.8299, 32.0267,
44.2376

8.6327, 20.9705,
6.0429

122.3982, 32.6276,
47.2574

0.0000, INF, NaN

0.0000, NaN, NaN

136.4877, 33.1585,

50.2038

0.0000, NaN, NaN

151.0799, 33.6240,
53.0873

0.0000, NaN, NaN

■ 49.6463, 27.7550,
27.4739

■ 49.6463, 27.7550,
27.4739

■ 46.8458, 33.2927,
27.9529

■ 52.7556, 22.4378,
26.2571

■ 44.3753, 38.9268,
27.6953

■ 56.1416, 17.4314,
24.3505

■ 43.4441, 41.2205,
27.4917

■ 59.7780, 12.7719,
21.8249

■ 63.6388, 8.4703,
18.7552

■ 67.7009, 4.5192,
15.2125

■ 71.9432, 0.9000,
11.2603

■ 76.3479, -2.4114,
6.9538

■ 80.8991, -5.4415,
2.3394

■ 85.5831, -8.2167,
-2.5438

Harmonies

Analogous

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



49.6476, 48.6026, 18.4917



49.6463, 27.7550, 27.4739



49.6476, 1.3825, 30.0594

Triad

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



49.6476, 27.7516, 27.4745



49.6476, -41.9793, 6.3339



49.6476, 19.5097, -58.8094

Complementary

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



49.6463, 27.7550, 27.4739



51.0382, -8.8393, -37.2803

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.



49.6476, -6.5611, -67.6592



49.6463, 27.7550, 27.4739



49.6476, -39.0115, -20.9662

Square

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



49.6476, 27.7516, 27.4745



49.6476, -36.2345, 22.3092



49.6476, -27.1395, -51.3029



49.6476, 43.2233, -30.9726

Rectangle

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



49.6463, 27.7550, 27.4739



49.6476, -14.6486, 29.6449



49.6476, -27.1395, -51.3029



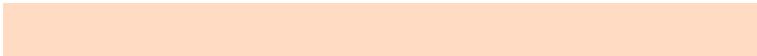
49.6476, 10.6049, -64.5456

Sweetspot

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



49.6476, 27.7516, 27.4745



87.0646, 4.5064, 18.0210



42.1076, 63.3722, -13.2366



39.3874, 2.8894, 9.1483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6476, 27.7516, 27.4745



57.2980, 46.6102, 35.2867



69.7434, -9.7437, 40.2394



35.4095, -0.5982, 4.0398



34.7293, 32.0687, 21.9615



9.0883, 5.4217, 5.6951

Inverse Universe

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



51.0382, -8.8393, -37.2803



58.9805, -6.0831, -58.8672



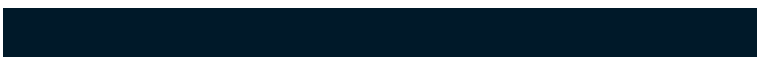
31.1149, 30.6087, -92.7761



35.5196, -3.0451, -0.2729



35.6848, -2.2042, -39.8447



9.2888, -1.8656, -7.5828

Previews

White Background



This preview shows how the HunterLab color 49.6463, 27.7550, 27.4739 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 49.6463, 27.7550, 27.4739 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 49.6463, 27.7550, 27.4739 Background



This preview shows how black text looks on a background with the HunterLab color 49.6463, 27.7550, 27.4739.



This preview shows how white text looks on a background with the HunterLab color 49.6463, 27.7550,

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

49.6463, 27.7550, 27.4739

Protanopia

49.8720, -6.1785, 25.8638

Deuteranopia

49.8047, 3.2728, 27.9100



Tritanopia

49.7493, 36.3579, 13.3688

Trichromacy



Original Color

49.6463, 27.7550, 27.4739

Protanomaly

49.2191, 5.5922, 26.0725

Deuteranomaly

49.5515, 11.7838, 27.6469

Tritanomaly

49.5829, 32.9371, 19.8279

Monochromacy



Original Color

49.6463, 27.7550, 27.4739

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.6923, 6.0050, 13.8657

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6463, 27.7550, 27.4739 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(207, 110, 50)` looks like.

```
.text, #text, p{  
    color:rgb(207, 110, 50)  
}
```

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(207, 110, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 110, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6463, 27.7550, 27.4739 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(207, 110, 50) }
```


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

```
.border{ border-color:rgb(207, 110, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 110, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 110, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 110, 50);  
box-shadow:4px 4px 4px 4px rgb(207, 110,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6463, 27.7550, 27.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 110, 50) }
```

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

```
.background{ background-color: rgb(207,  
110, 50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor