

Converting Colors

HunterLab(47.4767, 30.8777,
21.9237)

Have a look what the booklet for
HunterLab(47.4767, 30.8777,
21.9237) contains.

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Color

**HunterLab(47.4767, 30.8777,
21.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6649
RGB	202, 102, 73
RGB Percent	79%, 40%, 29%
CMY	0.2078, 0.6000, 0.7137
CMYK	0.00, 0.50, 0.64, 0.21
HSL	13°, 55%, 54%
HSV	13°, 64%, 79%
XYZ	30.3111, 22.5404, 9.0565
YIQ	128.5940, 68.9090, 12.1810

Conversions

Conversions Part 2

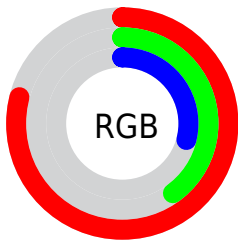
Format	Color
R_{YB}	202, 110, 73
Decimal	13264457
CIE _{Lab}	54.60, 37.31, 34.41
CIE _{LCh}	55, 50.758, 42.688
Yxy	22.5416, 0.4896, 0.3641
Android (android.graphics.Color)	4291454537 (0xFFCA6649)
YUV	128.5940, -27.4078, 64.3771
Hunter-Lab	47.4767, 30.8777, 21.9237

Details

The HunterLab color **47.4767, 30.8777, 21.9237** 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 **59.6370, -19.5076, -19.1452**, and the grayscale version is **46.7805, -2.4961, 2.5417**.

A 20% lighter version of the original color is **67.9027, 29.6273, 26.2831**, and **28.9473, 28.0578, 16.0782** is the 20% darker color. If you saturate the color by 10%, you get **44.1849, 37.2088, 23.3904**, and if you desaturate by 10%, it is **51.2136, 24.6300, 19.9456**.

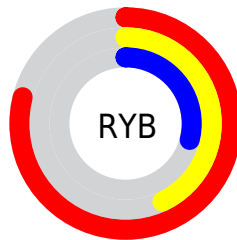
Distribution



Red (79%)

Green (40%)

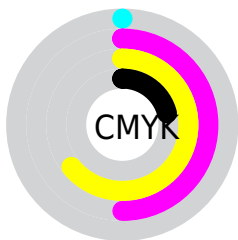
Blue (29%)



Red (79%)

Yellow (43%)

Blue (29%)

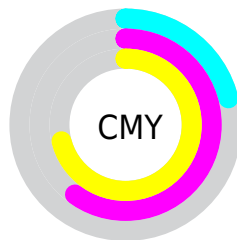


Cyan (0%)

Magenta (50%)

Yellow (64%)

Black (21%)



Cyan (21%)

Magenta (60%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4767, 30.8777, 21.9237 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 47.4767, 30.8777, 21.9237 by changing the saturation by 10% instead.

47.4767, 30.8777,
21.9237

47.4767, 30.8777,
21.9237

162.8992, 38.4394,
43.4068

37.7563, 29.5417,
19.0787

69.0214, 33.1870,
27.1959

28.8071, 28.0806,
16.0365

80.7589, 34.1856,
29.6794

20.7040, 26.4936,
12.8923

93.0953, 35.0906,
32.0878

13.5466, 24.8208,
9.4826

106.0029, 35.9093,
34.4354

7.1338, 25.6564,
4.9937

119.4573, 36.6483,
36.7332

0.0000, INF, NaN

0.0000, NaN, NaN

133.4372, 37.3131,

38.9899

0.0000, NaN, NaN

147.9236, 37.9087,
41.2125

0.0000, NaN, NaN

■ 47.4767, 30.8777,
21.9237

■ 47.4767, 30.8777,
21.9237

■ 44.1849, 37.2088,
23.3904

■ 51.2136, 24.6300,
19.9456

■ 41.3900, 43.4032,
24.2447

■ 55.3365, 18.6161,
17.5579

■ 39.1401, 49.1373,
24.4316

■ 59.7958, 12.9031,
14.8526

■ 38.0335, 52.2342,
24.3505

■ 64.5469, 7.5140,
11.9028

■ 69.5521, 2.4430,
8.7639

■ 74.7796, -2.3311,
5.4772

■ 80.2032, -6.8362,
2.0727

■ 85.8009, -11.1020,
-1.4278

■ 91.5544, -15.1574,
-5.0085

Harmonies

Analogous

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



47.4780, 43.5347, 10.2586



47.4767, 30.8777, 21.9237



47.4780, 10.0641, 26.5517

Triad

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



47.4780, 30.8744, 21.9244



47.4780, -35.2154, 12.6372



47.4780, 6.6461, -52.1061

Complementary

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



47.4767, 30.8777, 21.9237



59.6370, -19.5076, -19.1452

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.



47.4780, -13.9450, -50.5312



47.4767, 30.8777, 21.9237



47.4780, -35.8079, -6.6328

Square

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



47.4780, 30.8744, 21.9244



47.4780, -26.8911, 23.0128



47.4780, -28.6805, -31.4568



47.4780, 28.0010, -35.1231

Rectangle

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



47.4767, 30.8777, 21.9237



47.4780, -4.4116, 27.1471



47.4780, -28.6805, -31.4568



47.4780, -0.6305, -53.8881

Sweetspot

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



47.4780, 30.8744, 21.9244



86.9471, 6.6914, 13.6358



45.1439, 56.9553, -23.8116



39.3596, 3.9908, 6.8512

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.4780, 30.8744, 21.9244



55.8863, 51.8395, 31.0050



63.3328, -0.6423, 33.1130



34.0823, 0.1324, 3.4694



30.6919, 41.3407, 19.6359



7.7688, 7.1279, 4.9119

Inverse Universe

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



59.6370, -19.5076, -19.1452



73.9281, -25.3325, -30.7644



40.9096, 11.0311, -55.5806



35.0464, -3.6703, 0.2651



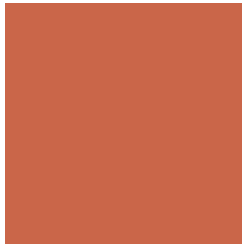
42.7881, -13.7963, -23.6991



10.2590, -3.8709, -4.4666

Previews

White Background



This preview shows how the HunterLab color 47.4767, 30.8777, 21.9237 looks on a white background.

Color Contrast Check

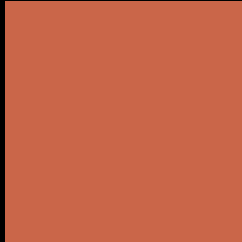
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4767, 30.8777, 21.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

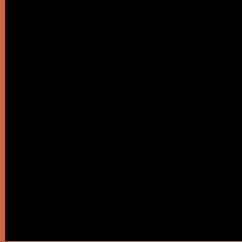
Any Text WCAG AA ✓ Pass

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 47.4767, 30.8777, 21.9237 Background



This preview shows how black text looks on a background with the HunterLab color 47.4767, 30.8777, 21.9237.



This preview shows how white text looks on a background with the HunterLab color 47.4767, 30.8777,

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

47.4767, 30.8777, 21.9237

Protanopia

47.6575, -4.5798, 18.8513

Deuteranopia

47.6043, 3.2159, 22.5785



Tritanopia

47.5317, 36.3133, 13.2539

Trichromacy



Original Color

47.4767, 30.8777, 21.9237

Protanomaly

46.8024, 7.6245, 19.3585

Deuteranomaly

47.3232, 12.8831, 22.1263

Tritanomaly

47.3397, 34.2943, 16.8008

Monochromacy



Original Color

47.4767, 30.8777, 21.9237

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.2230, 8.1895, 10.0678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4767, 30.8777, 21.9237 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(202, 102, 73)` looks like.

```
.text, #text, p{  
    color:rgb(202, 102, 73)  
}
```

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(202, 102, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 102, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4767, 30.8777, 21.9237 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(202, 102, 73) }
```


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

```
.border{ border-color:rgb(202, 102, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 102, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 102, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 102, 73);  
box-shadow:4px 4px 4px 4px rgb(202, 102,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4767, 30.8777, 21.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 102, 73) }
```

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

```
.background{ background-color: rgb(202,  
102, 73) }
```

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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