

Converting Colors

HunterLab(46.9697, 30.8000,
27.6655)

Have a look what the booklet for
HunterLab(46.9697, 30.8000,
27.6655) contains.

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Color

**HunterLab(46.9697, 30.8000,
27.6655)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6421
RGB	204, 100, 33
RGB Percent	80%, 39%, 13%
CMY	0.2000, 0.6078, 0.8706
CMYK	0.00, 0.51, 0.84, 0.20
HSL	24°, 72%, 46%
HSV	24°, 84%, 80%
XYZ	29.7335, 22.0615, 4.1300
YIQ	123.4580, 83.4910, 1.2110

Conversions

Conversions Part 2

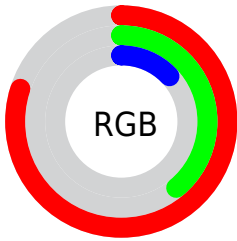
Format	Color
RYB	204, 143, 33
Decimal	13394977
CIELab	54.09, 37.30, 53.65
CIElCh	54, 65.340, 55.194
Yxy	22.0627, 0.5317, 0.3945
Android (android.graphics.Color)	4291585057 (0xFFCC6421)
YUV	123.4580, -44.5958, 70.6353
Hunter-Lab	46.9697, 30.8000, 27.6655

Details

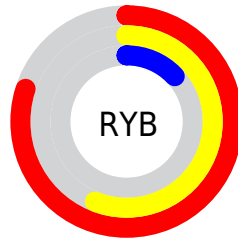
The HunterLab color **46.9697, 30.8000, 27.6655** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **47.5107, -6.2328, -42.1228**, and the grayscale version is **44.8302, -2.3920, 2.4357**.

A 20% lighter version of the original color is **66.8450, 27.8386, 34.2374**, and **28.4971, 28.2289, 18.0540** is the 20% darker color. If you saturate the color by 10%, you get **44.4740, 36.2717, 27.5498**, and if you desaturate by 10%, it is **49.7772, 25.4658, 27.0485**.

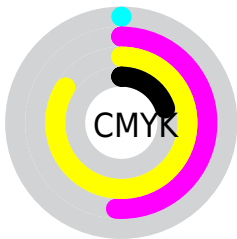
Distribution



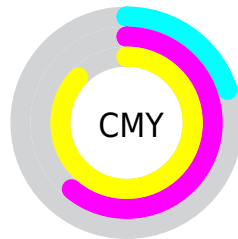
- Red (80%)
- Green (39%)
- Blue (13%)



- Red (80%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (84%)
- Black (20%)



- Cyan (20%)
- Magenta (61%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9697, 30.8000, 27.6655 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 46.9697, 30.8000, 27.6655 by changing the saturation by 10% instead.

■ 46.9697, 30.8000,
27.6655

■ 46.9697, 30.8000,
27.6655

162.1338, 38.3959,
58.7639

■ 37.2867, 29.4580,
23.4021

■ 68.4468, 33.1192,
35.5178

■ 28.3782, 27.9909,
19.1152

■ 80.1534, 34.1223,
39.1739

■ 20.3200, 26.3985,
14.2240

■ 92.4604, 35.0312,
42.6878

■ 13.2136, 24.7246,
9.2495

■ 105.3398, 35.8536,
46.0813

■ 6.7318, 26.5733,
4.7123

■ 118.7672, 36.5960,
49.3722

0.0000, INF, NaN

0.0000, NaN, NaN

■ 132.7211, 37.2639,

52.5752

0.0000, NaN, NaN

147.1824, 37.8624,
55.7024

0.0000, NaN, NaN

46.9697, 30.8000,
27.6655

46.9697, 30.8000,
27.6655

44.4740, 36.2717,
27.5498

49.7772, 25.4658,
27.0485

43.0875, 39.6227,
27.2440

52.8683, 20.3905,
25.7079

56.2180, 15.6343,
23.6965

59.8008, 11.2258,
21.0833

63.5930, 7.1696,
17.9400

■ 67.5733, 3.4545,
14.3344

■ 71.7226, 0.0609,
10.3270

■ 76.0244, -3.0356,
5.9701

■ 80.4643, -5.8608,
1.3084

Harmonies

Analogous

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



46.9710, 54.0289, 19.0447



46.9697, 30.8000, 27.6655



46.9710, 1.9019, 29.9044

Triad

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



46.9710, 30.7965, 27.6661



46.9710, -43.7247, 6.4936



46.9710, 21.5891, -67.2728

Complementary

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



46.9697, 30.8000, 27.6655



47.5107, -6.2328, -42.1228

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.



46.9710, -6.7625, -77.6022



46.9697, 30.8000, 27.6655



46.9710, -40.7354, -23.5687

Square

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



46.9710, 30.7965, 27.6661



46.9710, -37.8695, 22.8581



46.9710, -28.5278, -58.4091



46.9710, 47.9293, -35.0727

Rectangle

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



46.9697, 30.8000, 27.6655



46.9710, -15.3061, 29.5632



46.9710, -28.5278, -58.4091



46.9710, 11.8248, -73.9810

Sweetspot

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



46.9710, 30.7965, 27.6661



86.1756, 5.1372, 19.1793



39.7154, 65.6275, -10.5301



39.0188, 3.1518, 9.6532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9710, 30.7965, 27.6661



55.0992, 51.9169, 34.8608



68.7377, -10.3750, 40.9330



34.5293, -0.6309, 3.9584



34.4307, 30.7878, 21.7550



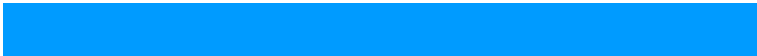
8.7072, 4.8370, 5.4500

Inverse Universe

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



47.5107, -6.2328, -42.1228



55.3976, -0.9754, -67.1365



26.8789, 37.9465, -108.7833



34.5836, -2.9205, -0.2914



34.6595, -1.4567, -40.1768



8.7453, -1.7204, -7.2171

Previews

White Background



This preview shows how the HunterLab color 46.9697, 30.8000, 27.6655 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 46.9697, 30.8000, 27.6655 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 46.9697, 30.8000, 27.6655 Background



This preview shows how black text looks on a background with the HunterLab color 46.9697, 30.8000, 27.6655.



This preview shows how white text looks on a background with the HunterLab color 46.9697, 30.8000,

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

46.9697, 30.8000, 27.6655

Protanopia

47.1554, -5.9181, 26.3157

Deuteranopia

47.0280, 3.2449, 28.0783



Tritanopia

47.1072, 38.9506, 14.5345

Trichromacy



Original Color

46.9697, 30.8000, 27.6655

Protanomaly

46.4210, 6.7541, 26.3806

Deuteranomaly

46.8185, 13.0301, 27.8399

Tritanomaly

46.9141, 35.6252, 20.8908

Monochromacy



Original Color

46.9697, 30.8000, 27.6655

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.3566, 6.5829, 14.5182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9697, 30.8000, 27.6655 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, 100, 33)` looks like.

```
.text, #text, p{  
    color:rgb(204, 100, 33)  
}
```

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, 100, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 100, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9697, 30.8000, 27.6655 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, 100, 33) }
```


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

```
.border{ border-color:rgb(204, 100, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 100, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 100, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 100, 33);  
box-shadow:4px 4px 4px 4px rgb(204, 100,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9697, 30.8000, 27.6655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 100, 33) }
```

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

```
.background{ background-color: rgb(204,  
100, 33) }
```

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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