

Converting Colors

HunterLab(46.8770, 29.8827,
25.7528)

Have a look what the booklet for
HunterLab(46.8770, 29.8827,
25.7528) contains.

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Color

**HunterLab(46.8472, 29.6406,
25.7084)**

Conversions

Conversions Part 1

Format	Color
Hex	C96531
RGB	201, 101, 49
RGB Percent	79%, 40%, 19%
CMY	0.2118, 0.6039, 0.8078
CMYK	0.00, 0.50, 0.76, 0.21
HSL	21°, 61%, 49%
HSV	21°, 76%, 79%
XYZ	29.2954, 21.9466, 5.5978
YIQ	124.9720, 76.2920, 5.0280

Conversions

Conversions Part 2

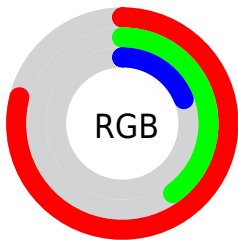
Format	Color
RYB	201, 128, 49
Decimal	13198641
CIELab	53.97, 36.15, 46.27
CIELCh	54, 58.716, 52.004
Yxy	21.9478, 0.5154, 0.3861
Android (android.graphics.Color)	4291388721 (0xFFC96531)
YUV	124.9720, -37.4542, 66.6766
Hunter-Lab	46.8472, 29.6406, 25.7084

Details

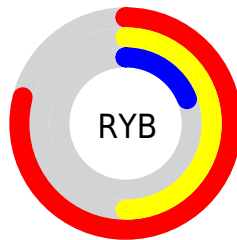
The HunterLab color **46.8472, 29.6406, 25.7084** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **51.3451, -11.4392, -32.3698**, and the grayscale version is **45.3966, -2.4222, 2.4665**.

A 20% lighter version of the original color is **67.2704, 28.2183, 31.7612**, and **28.3379, 27.0568, 17.9354** is the 20% darker color. If you saturate the color by 10%, you get **44.1017, 35.2595, 26.2384**, and if you desaturate by 10%, it is **49.9347, 24.1715, 24.4880**.

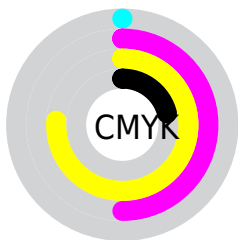
Distribution



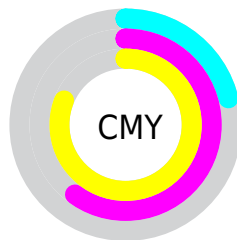
- Red (79%)
- Green (40%)
- Blue (19%)



- Red (79%)
- Yellow (50%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (76%)
- Black (21%)



- Cyan (21%)
- Magenta (60%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8472, 29.6406, 25.7084 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 46.8472, 29.6406, 25.7084 by changing the saturation by 10% instead.

46.8472, 29.6406,
25.7084

46.8472, 29.6406,
25.7084

161.9486, 36.8652,
53.0999

37.1733, 28.3434,
21.9740

68.3079, 31.8713,
32.5789

28.2747, 26.9199,
17.9890

80.0070, 32.8312,
35.7840

20.2274, 25.3674,
14.1592

92.3068, 33.6979,
38.8710

13.1334, 23.7232,
9.1934

105.1794, 34.4790,
41.8595

6.6308, 25.7764,
4.6416

118.6002, 35.1809,
44.7651

0.0000, INF, NaN

0.0000, NaN, NaN

132.5479, 35.8094,

47.6004

0.0000, NaN, NaN

147.0031, 36.3694,
50.3759

0.0000, NaN, NaN

■ 46.8472, 29.6406,
25.7084

■ 46.8472, 29.6406,
25.7084

■ 44.1017, 35.2595,
26.2384

■ 49.9347, 24.1715,
24.4880

■ 41.7246, 40.8712,
26.0669

■ 53.3272, 18.9672,
22.6346

■ 40.7988, 43.2357,
25.8970

■ 56.9931, 14.0800,
20.2256

■ 60.9021, 9.5308,
17.3388

■ 65.0271, 5.3171,
14.0455

■ 69.3442, 1.4227,
10.4070

■ 73.8330, -2.1755,
6.4751

■ 78.4758, -5.5039,
2.2919

■ 83.2575, -8.5889,
-2.1077

Harmonies

Analogous

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



46.8485, 48.7742, 16.2615



46.8472, 29.6406, 25.7084



46.8485, 4.1320, 28.5896

Triad

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



46.8485, 29.6372, 25.7090



46.8485, -40.1794, 8.2866



46.8485, 16.1897, -59.6476

Complementary

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



46.8472, 29.6406, 25.7084



51.3451, -11.4392, -32.3698

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.



46.8485, -8.7867, -65.6429



46.8472, 29.6406, 25.7084



46.8485, -38.2410, -17.1953

Square

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



46.8485, 29.6372, 25.7090



46.8485, -33.7592, 22.4035



46.8485, -27.7917, -47.3036



46.8485, 39.9797, -33.5938

Rectangle

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



46.8472, 29.6406, 25.7084



46.8485, -11.7710, 28.4441



46.8485, -27.7917, -47.3036



46.8485, 7.5483, -64.4700

Sweetspot

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



46.8485, 29.6372, 25.7090



86.3637, 5.7499, 17.3211



41.0207, 61.8800, -15.5486



39.0170, 3.5551, 8.7877

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8485, 29.6372, 25.7090



55.5807, 51.0410, 34.2802



65.9994, -7.0412, 37.9347



33.4968, -0.3983, 3.7073



32.5888, 33.6283, 20.6698



7.9867, 5.0478, 5.0097

Inverse Universe

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



51.3451, -11.4392, -32.3698



61.8854, -10.6624, -52.6933



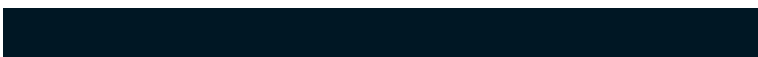
31.3248, 26.5568, -84.8224



33.8124, -3.0580, -0.1158



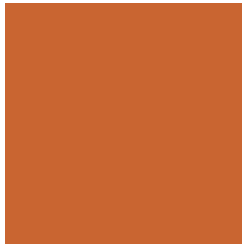
36.3905, -5.1927, -34.2753



8.7052, -2.3159, -5.8813

Previews

White Background



This preview shows how the HunterLab color 46.8472, 29.6406, 25.7084 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 46.8472, 29.6406, 25.7084 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 46.8472, 29.6406, 25.7084 Background



This preview shows how black text looks on a background with the HunterLab color 46.8472, 29.6406, 25.7084.



This preview shows how white text looks on a background with the HunterLab color 46.8472, 29.6406,

25.7084.

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

46.8472, 29.6406, 25.7084

Protanopia

47.1062, -5.8057, 24.0529

Deuteranopia

46.9273, 3.1547, 26.0840



Tritanopia

46.8840, 37.4720, 13.6491

Trichromacy



Original Color

46.8472, 29.6406, 25.7084

Protanomaly

46.3242, 6.7092, 24.1954

Deuteranomaly

46.5629, 12.4703, 25.7490

Tritanomaly

46.7658, 34.4399, 19.0446

Monochromacy



Original Color

46.8472, 29.6406, 25.7084

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

44.8622, 7.1954, 12.8235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8472, 29.6406, 25.7084 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(201, 101, 49)` looks like.

```
.text, #text, p{  
    color:rgb(201, 101, 49)  
}
```

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(201, 101, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 101, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8472, 29.6406, 25.7084 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(201, 101, 49) }
```


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

```
.border{ border-color:rgb(201, 101, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 101, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 101, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 101, 49);  
box-shadow:4px 4px 4px 4px rgb(201, 101,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8472, 29.6406, 25.7084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 101, 49) }
```

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

```
.background{ background-color: rgb(201,  
101, 49) }
```

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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