

Converting Colors

HunterLab(49.3880, 21.5169,
29.3358)

Have a look what the booklet for
HunterLab(49.3880, 21.5169,
29.3358) contains.

HunterLab(49.4948, 21.2826, 29.3997)	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(49.4948, 21.2826,
29.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	C7731E
RGB	199, 115, 30
RGB Percent	78%, 45%, 12%
CMY	0.2196, 0.5490, 0.8823
CMYK	0.00, 0.42, 0.85, 0.22
HSL	30°, 74%, 45%
HSV	30°, 85%, 78%
XYZ	29.9183, 24.4974, 4.3799
YIQ	130.4260, 77.3490, -8.6270

Conversions

Conversions Part 2

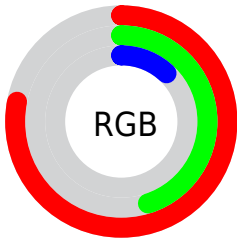
Format	Color
R_{YB}	197, 199, 30
Decimal	13071134
CIE Lab	56.58, 27.26, 56.61
CIE LCh	57, 62.838, 64.285
Yxy	24.4986, 0.5088, 0.4167
Android (android.graphics.Color)	4291261214 (0xFFC7731E)
YUV	130.4260, -49.5100, 60.1394
Hunter-Lab	49.4948, 21.2826, 29.3997

Details

The HunterLab color **49.4948, 21.2826, 29.3997** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **40.5380, 3.3026, -53.9895**, and the grayscale version is **47.5833, -2.5389, 2.5853**.

A 20% lighter version of the original color is **70.3718, 20.4675, 36.8262**, and **30.6356, 19.7771, 19.2237** is the 20% darker color. If you saturate the color by 10%, you get **47.2132, 25.7766, 29.1795**, and if you desaturate by 10%, it is **51.9736, 17.0495, 28.8945**.

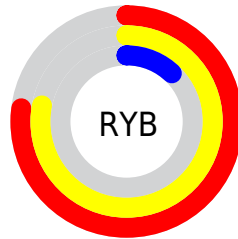
Distribution



Red (78%)

Green (45%)

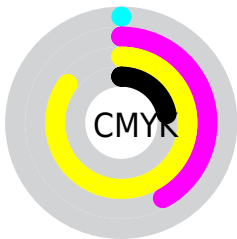
Blue (12%)



Red (77%)

Yellow (78%)

Blue (12%)

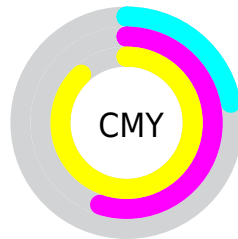


Cyan (0%)

Magenta (42%)

Yellow (85%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4948, 21.2826, 29.3997 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 49.4948, 21.2826, 29.3997 by changing the saturation by 10% instead.

49.4948, 21.2826,
29.3997

49.4948, 21.2826,
29.3997

165.9313, 25.2901,
61.7100

39.6282, 20.3992,
24.9925

71.3041, 22.7193,
37.5418

30.5203, 19.3942,
20.4868

83.1630, 23.3005,
41.3401

22.2422, 18.2495,
15.5695

95.6150, 23.8005,
44.9930

14.8872, 16.9547,
10.4210

108.6330, 24.2262,
48.5219

8.5373, 15.8197,
5.9761

122.1934, 24.5835,
51.9445

0.0000, INF, NaN

0.0000, NaN, NaN

136.2754, 24.8771,

55.2757

0.0000, NaN, NaN

150.8603, 25.1114,
58.5274

0.0000, NaN, NaN

49.4948, 21.2826,
29.3997

49.4948, 21.2826,
29.3997

47.2132, 25.7766,
29.1795

51.9736, 17.0495,
28.8945

46.1243, 28.1035,
28.9136

54.6355, 13.1389,
27.6435

57.4696, 9.5729,
25.6692

60.4635, 6.3589,
23.0141

63.6049, 3.4915,
19.7305

■ 66.8820, 0.9573,
15.8734

■ 70.2841, -1.2617,
11.4964

■ 73.8014, -3.1864,
6.6501

■ 77.4249, -4.8382,
1.3805

Harmonies

Analogous

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



49.4961, 46.4847, 22.8620



49.4948, 21.2826, 29.3997



49.4961, -6.3680, 30.6703

Triad

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



49.4961, 21.2794, 29.4002



49.4961, -43.6695, -1.0390



49.4961, 29.2057, -55.8565

Complementary

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



49.4948, 21.2826, 29.3997



40.5380, 3.3026, -53.9895

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.



49.4961, 1.1942, -73.3494



49.4948, 21.2826, 29.3997



49.4961, -37.8963, -32.8122

Square

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



49.4961, 21.2794, 29.4002



49.4961, -40.4794, 19.3591



49.4961, -22.7402, -63.2491



49.4961, 51.6910, -23.0707

Rectangle

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



49.4948, 21.2826, 29.3997



49.4961, -21.7821, 29.5509



49.4961, -22.7402, -63.2491



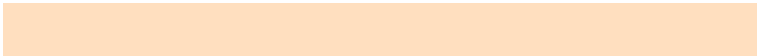
49.4961, 19.9329, -64.3236

Sweetspot

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



49.4961, 21.2794, 29.4002



88.3044, 1.4065, 21.2457



37.8115, 61.6842, -0.8186



40.1306, 1.1841, 10.7041

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4961, 21.2794, 29.4002



60.6356, 38.1151, 38.0307



72.8576, -19.1854, 43.5589



33.9172, -1.1099, 4.1637



37.2229, 21.9887, 23.3216



8.9493, 2.9427, 5.5660

Inverse Universe

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



40.5380, 3.3026, -53.9895



47.2559, 14.0225, -89.3362



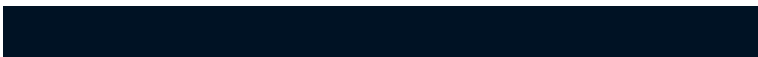
23.0830, 47.0536, -123.7380



33.3822, -2.3547, -0.6379



29.2457, 7.2888, -52.2889



7.4154, -0.3144, -8.5899

Previews

White Background



This preview shows how the HunterLab color 49.4948, 21.2826, 29.3997 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 49.4948, 21.2826, 29.3997 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 49.4948, 21.2826, 29.3997 Background



This preview shows how black text looks on a background with the HunterLab color 49.4948, 21.2826, 29.3997.



This preview shows how white text looks on a background with the HunterLab color 49.4948, 21.2826,

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

49.4948, 21.2826, 29.3997

Protanopia

49.7906, -6.8256, 28.5737

Deuteranopia

49.5269, 3.4607, 29.6701



Tritanopia

49.4466, 32.5275, 11.5897

Trichromacy



Original Color

49.4948, 21.2826, 29.3997

Protanomaly

49.3579, 3.0096, 28.6489

Deuteranomaly

49.4273, 9.8337, 29.5258

Tritanomaly

49.3442, 27.7176, 20.8128

Monochromacy



Original Color

49.4948, 21.2826, 29.3997

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.3750, 3.2693, 15.9965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4948, 21.2826, 29.3997 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(199, 115, 30)` looks like.

```
.text, #text, p{  
    color:rgb(199, 115, 30)  
}
```

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(199, 115, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 115, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4948, 21.2826, 29.3997 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(199, 115, 30) }
```


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

```
.border{ border-color:rgb(199, 115, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 115, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 115, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 115, 30);  
box-shadow:4px 4px 4px 4px rgb(199, 115,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4948, 21.2826, 29.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 115, 30) }
```

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

```
.background{ background-color: rgb(199,  
115, 30) }
```

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