

Converting Colors

HunterLab(49.8518, 39.2248,
30.8205)

Have a look what the booklet for
HunterLab(49.8518, 39.2248,
30.8205) contains.

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Color

**HunterLab(49.8080, 39.3278,
30.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	E06310
RGB	224, 99, 16
RGB Percent	88%, 39%, 6%
CMY	0.1216, 0.6117, 0.9372
CMYK	0.00, 0.56, 0.93, 0.12
HSL	24°, 87%, 47%
HSV	24°, 93%, 88%
XYZ	35.2958, 24.8084, 3.4184
YIQ	126.9130, 101.1430, 0.6870

Conversions

Conversions Part 2

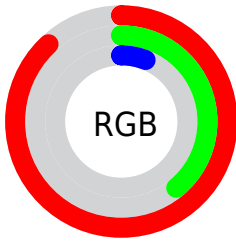
Format	Color
R _Y B	224, 154, 16
Decimal	14705424
CIE Lab	56.89, 45.21, 62.58
CIE LCh	57, 77.200, 54.151
Yxy	24.8098, 0.5556, 0.3906
Android (android.graphics.Color)	4292895504 (0xFFE06310)
YUV	126.9130, -54.6801, 85.1453
Hunter-Lab	49.8080, 39.3278, 30.7964

Details

The HunterLab color **49.8080, 39.3278, 30.7964** 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 **49.5384, -3.1236, -53.9316**, and the grayscale version is **46.2155, -2.4659, 2.5110**.

A 20% lighter version of the original color is **66.7259, 27.2417, 35.9922**, and **30.8724, 36.6036, 19.6642** is the 20% darker color. If you saturate the color by 10%, you get **48.0177, 43.6428, 30.3523**, and if you desaturate by 10%, it is **52.6135, 33.2605, 30.8973**.

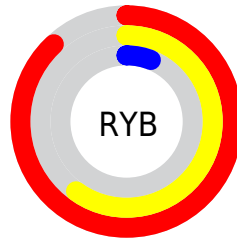
Distribution



Red (88%)

Green (39%)

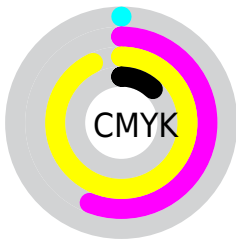
Blue (6%)



Red (88%)

Yellow (60%)

Blue (6%)

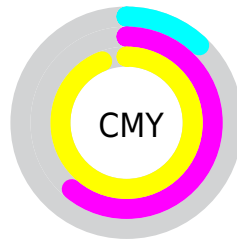


Cyan (0%)

Magenta (56%)

Yellow (93%)

Black (12%)



Cyan (12%)

Magenta (61%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8080, 39.3278, 30.7964 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 49.8080, 39.3278, 30.7964 by changing the saturation by 10% instead.

49.8080, 39.3278,
30.7964

49.8080, 39.3278,
30.7964

166.3999, 49.2373,
66.0519

39.9191, 37.7215,
25.9943

71.6578, 42.1827,
39.6975

30.7871, 36.0029,
21.4126

83.5353, 43.4519,
43.8517

22.4823, 34.1862,
15.7376

96.0050, 44.6236,
47.8443

15.0974, 32.3464,
10.5681

109.0400, 45.7048,
51.6975

8.7334, 31.0003,
6.1134

122.6167, 46.7014,
55.4303

0.0000, INF, NaN

0.0000, NaN, NaN

136.7143, 47.6192,

59.0585

0.0000, NaN, NaN

151.3143, 48.4630,
62.5952

0.0000, NaN, NaN

49.8080, 39.3278,
30.7964

49.8080, 39.3278,
30.7964

48.0177, 43.6428,
30.3523

52.6135, 33.2605,
30.8973

55.7546, 27.3825,
30.1695

59.2059, 21.8057,
28.6274

62.9392, 16.5950,
26.3297

66.9268, 11.7783,
23.3531

■ 71.1430, 7.3578,
19.7775

■ 75.5647, 3.3194,
15.6784

■ 80.1714, -0.3599,
11.1232

■ 84.9451, -3.7077,
6.1705

Harmonies

Analogous

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



49.8094, 67.8779, 21.3736



49.8080, 39.3278, 30.7964



49.8094, 3.8477, 32.9752

Triad

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



49.8094, 39.3237, 30.7970



49.8094, -50.7166, 8.3796



49.8094, 25.4755, -87.3319

Complementary

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



49.8080, 39.3278, 30.7964



49.5384, -3.1236, -53.9316

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.



49.8094, -8.8506, -99.6016



49.8080, 39.3278, 30.7964



49.8094, -47.7098, -28.1388

Square

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



49.8094, 39.3237, 30.7970



49.8094, -43.7648, 26.4278



49.8094, -34.1446, -73.2087



49.8094, 58.5578, -45.9759

Rectangle

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



49.8080, 39.3278, 30.7964



49.8094, -16.9937, 32.7408



49.8094, -34.1446, -73.2087



49.8094, 13.5029, -95.7714

Sweetspot

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



49.8094, 39.3237, 30.7970



84.7570, 6.2922, 20.7688



42.7080, 75.6417, -9.1387



38.1940, 3.8734, 10.5347

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8094, 39.3237, 30.7970



55.4219, 51.0627, 35.0447



75.5444, -10.6903, 45.9781



38.2017, -0.7180, 4.4267



36.9210, 32.5495, 23.3204



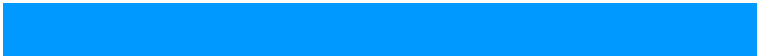
10.5666, 6.4902, 6.6247

Inverse Universe

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



49.5384, -3.1236, -53.9316



54.8458, -0.0342, -68.4787



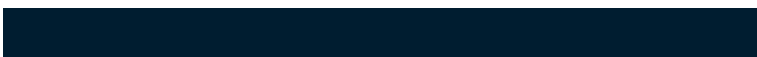
26.5101, 50.8098, -140.4941



38.2185, -3.2060, -0.3776



36.5870, -0.8067, -43.9892



10.4954, -1.6139, -9.6343

Previews

White Background



This preview shows how the HunterLab color 49.8080, 39.3278, 30.7964 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 49.8080, 39.3278, 30.7964 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 49.8080, 39.3278, 30.7964 Background



This preview shows how black text looks on a background with the HunterLab color 49.8080, 39.3278, 30.7964.



This preview shows how white text looks on a background with the HunterLab color 49.8080, 39.3278,

30.7964.

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

49.8080, 39.3278, 30.7964

Protanopia

49.8402, -6.7456, 29.3597

Deuteranopia

49.8493, 3.0578, 30.7704



Tritanopia

49.8669, 47.7183, 17.8243

Trichromacy



Original Color

49.8080, 39.3278, 30.7964

Protanomaly

48.7970, 9.0844, 29.2426

Deuteranomaly

49.4098, 16.0161, 30.5197

Tritanomaly

49.7700, 43.8084, 24.9201

Monochromacy



Original Color

49.8080, 39.3278, 30.7964

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9261, 8.9525, 16.8156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8080, 39.3278, 30.7964 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(224, 99, 16)` looks like.

```
.text, #text, p{  
    color:rgb(224, 99, 16)  
}
```

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(224, 99, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 99, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8080, 39.3278, 30.7964 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(224, 99, 16) }
```


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

```
.border{ border-color:rgb(224, 99, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 99, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 99, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 99, 16);  
box-shadow:4px 4px 4px 4px rgb(224, 99,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8080, 39.3278, 30.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 99, 16) }
```

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

```
.background{ background-color: rgb(224, 99,  
16) }
```

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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