

Converting Colors

HunterLab(64.5680, 29.6552,
39.4350)

Have a look what the booklet for
HunterLab(64.5680, 29.6552,
39.4350) contains.

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Color

**HunterLab(64.4867, 29.8443,
39.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	FF911A
RGB	255, 145, 26
RGB Percent	100%, 57%, 10%
CMY	0.0000, 0.4313, 0.8980
CMYK	0.00, 0.43, 0.90, 0.00
HSL	31°, 100%, 55%
HSV	31°, 90%, 100%
XYZ	51.5518, 41.5853, 6.2869
YIQ	164.3240, 103.7590, -13.6890

Conversions

Conversions Part 2

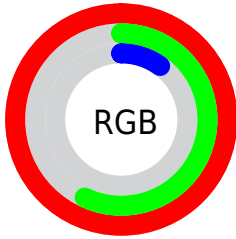
Format	Color
R _Y B	238, 255, 26
Decimal	16748826
CIE Lab	70.59, 34.55, 71.98
CIE LCh	71, 79.843, 64.360
Yxy	41.5876, 0.5185, 0.4183
Android (android.graphics.Color)	4294938906 (0xFFFF911A)
YUV	164.3240, -68.1937, 79.5229
Hunter-Lab	64.4867, 29.8443, 39.3604

Details

The HunterLab color **64.4867, 29.8443, 39.3604** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **50.0469, 9.7149, -81.0709**, and the grayscale version is **61.3052, -3.2711, 3.3308**.

A 20% lighter version of the original color is **79.5239, 3.5320, 42.5001**, and **43.4800, 28.1866, 27.2856** is the 20% darker color. If you saturate the color by 10%, you get **61.6200, 35.8372, 38.5834**, and if you desaturate by 10%, it is **67.6047, 24.1352, 39.2820**.

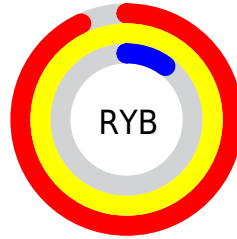
Distribution



Red (100%)

Green (57%)

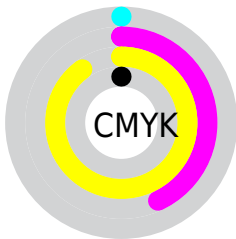
Blue (10%)



Red (93%)

Yellow (100%)

Blue (10%)

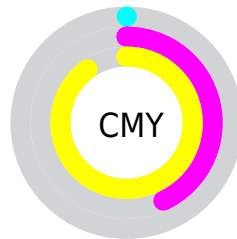


Cyan (0%)

Magenta (43%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4867, 29.8443, 39.3604 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 64.4867, 29.8443, 39.3604 by changing the saturation by 10% instead.


 64.4867, 29.8443,
39.3604

 64.4867, 29.8443,
39.3604


187.8218, 35.3599,
77.4936


 53.6456, 28.8063,
34.2924


 88.0767, 31.6064,
48.8548


 43.4894, 27.6589,
28.9856


 100.7582, 32.3559,
53.3266


 34.0700, 26.3873,
23.8490


 113.9960, 33.0257,
57.6443

 25.4502, 24.9828,
17.8151

 127.7675, 33.6216,
61.8266

 17.7125, 23.4481,
12.3987

 142.0529, 34.1488,
65.8897

 10.9719, 21.8370,
7.6804

 156.8342, 34.6117,

 2.5462, 59.1012,

69.8475

1.7824

172.0954, 35.0143,
73.7120

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4867, 29.8443,
39.3604

■ 64.4867, 29.8443,
39.3604

■ 61.6200, 35.8372,
38.5834

■ 67.6047, 24.1352,
39.2820

■ 61.5653, 35.9564,
38.5657

■ 70.9645, 18.8378,
38.1909


■ 74.5545, 13.9977,
36.0838

■ 78.3596, 9.6354,
33.0001

■ 82.3644, 5.7510,

29.0015

 86.5538, 2.3315,
24.1591

 90.9137, -0.6447,
18.5465

 95.4309, -3.2041,
12.2346

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



64.4884, 65.3619, 30.9755



64.4867, 29.8443, 39.3604



64.4884, -8.6965, 40.9096

Triad

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



64.4884, 29.8400, 39.3611



64.4884, -59.5872, -1.7773



64.4884, 41.1647, -79.5603

Complementary

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



64.4867, 29.8443, 39.3604



50.0469, 9.7149, -81.0709

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.



64.4884, 1.9814, -104.9273



64.4867, 29.8443, 39.3604



64.4884, -51.7765, -46.7150

Square

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



64.4884, 29.8400, 39.3611



64.4884, -55.3249, 26.2413



64.4884, -31.1033, -90.4132



64.4884, 72.8551, -32.5993

Rectangle

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



64.4867, 29.8443, 39.3604



64.4884, -29.9273, 39.5285



64.4884, -31.1033, -90.4132



64.4884, 28.1500, -91.8030

Sweetspot

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



64.4884, 29.8400, 39.3611



87.7592, 1.4540, 22.6612



48.7811, 83.3296, 2.8956



39.9229, 1.1696, 11.3250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4884, 29.8400, 39.3611



61.5656, 35.9566, 38.5659



95.9881, -27.0291, 58.0704



44.2141, -1.5148, 5.5688



44.8399, 25.2207, 28.0717



14.7531, 6.1915, 9.1992

Inverse Universe

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



50.0469, 9.7149, -81.0709



46.1063, 16.3681, -92.9630



28.6920, 67.6791, -176.6339



43.3791, -2.9856, -0.9996



33.7684, 10.9277, -65.7973



11.5222, 1.5009, -17.6417

Previews

White Background



This preview shows how the HunterLab color 64.4867, 29.8443, 39.3604 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64.4867, 29.8443, 39.3604 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 64.4867, 29.8443, 39.3604 Background



This preview shows how black text looks on a background with the HunterLab color 64.4867, 29.8443, 39.3604.



This preview shows how white text looks on a background with the HunterLab color 64.4867, 29.8443,

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

64.4867, 29.8443, 39.3604

Protanopia

64.7995, -8.9138, 38.3884

Deuteranopia

64.5066, 4.6870, 39.8307



Tritanopia

64.4543, 41.1699, 15.0451

Trichromacy



Original Color

64.4867, 29.8443, 39.3604

Protanomaly

64.0664, 4.7910, 38.3616

Deuteranomaly

64.2569, 13.6260, 39.5949

Tritanomaly

64.2565, 35.3731, 28.3737

Monochromacy



Original Color

64.4867, 29.8443, 39.3604

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

60.9911, 4.8302, 22.1914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4867, 29.8443, 39.3604 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(255, 145, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 26)  
}
```

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(255, 145, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4867, 29.8443, 39.3604 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(255, 145, 26) }
```


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

```
.border{ border-color:rgb(255, 145, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4867, 29.8443, 39.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 26) }
```

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

```
.background{ background-color: rgb(255,  
145, 26) }
```

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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