

Converting Colors

HunterLab(61.0750, 19.4790,
37.1882)

Have a look what the booklet for
HunterLab(61.0750, 19.4790,
37.1882) contains.

HunterLab(61.0750, 19.4790, 37.1882)	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(61.0750, 19.4790,
37.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	E79117
RGB	231, 145, 23
RGB Percent	91%, 57%, 9%
CMY	0.0941, 0.4313, 0.9098
CMYK	0.00, 0.37, 0.90, 0.09
HSL	35°, 82%, 50%
HSV	35°, 90%, 91%
XYZ	43.2350, 37.3016, 5.7318
YIQ	156.8060, 90.4180, -19.7100

Conversions

Conversions Part 2

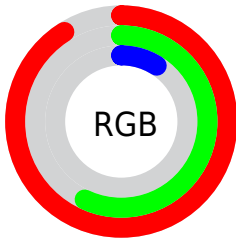
Format	Color
RYB	170, 231, 23
Decimal	15175959
CIELab	67.50, 24.61, 69.01
CIELCh	68, 73.269, 70.377
Yxy	37.3035, 0.5012, 0.4324
Android (android.graphics.Color)	4293366039 (0xFFE79117)
YUV	156.8060, -65.9664, 65.0681
Hunter-Lab	61.0750, 19.4790, 37.1882

Details

The HunterLab color **61.0750, 19.4790, 37.1882** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **41.0961, 16.0189, -83.4666**, and the grayscale version is **58.2225, -3.1066, 3.1633**.

A 20% lighter version of the original color is **79.2130, 3.9368, 42.6016**, and **40.5468, 18.6959, 25.3120** is the 20% darker color. If you saturate the color by 10%, you get **58.6984, 24.0491, 36.5907**, and if you desaturate by 10%, it is **63.6258, 15.1750, 37.0526**.

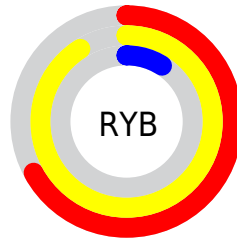
Distribution



Red (91%)

Green (57%)

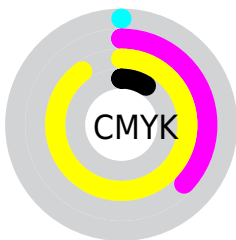
Blue (9%)



Red (67%)

Yellow (91%)

Blue (9%)

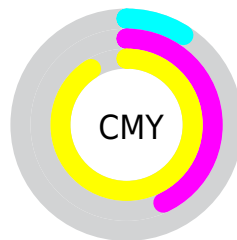


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (9%)



Cyan (9%)

Magenta (43%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0750, 19.4790, 37.1882 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 61.0750, 19.4790, 37.1882 by changing the saturation by 10% instead.

61.0750, 19.4790,
37.1882

61.0750, 19.4790,
37.1882

182.9269, 21.8818,
74.2835

50.4406, 18.8330,
32.2323

84.2848, 20.4873,
46.4491

40.5057, 18.0851,
27.0348

96.7900, 20.8740,
50.8026

31.3252, 17.2175,
21.9276

109.8589, 21.1904,
55.0023

22.9672, 16.2133,
16.0771

123.4682, 21.4419,
59.0676

15.5224, 15.0561,
10.8657

137.5972, 21.6330,
63.0152

9.1146, 13.7786,
6.3802

152.2275, 21.7678,

0.0000, INF, NaN

66.8593

0.0000, NaN, NaN

167.3424, 21.8497,
70.6119

0.0000, NaN, NaN

■ 61.0750, 19.4790,
37.1882

■ 61.0750, 19.4790,
37.1882

■ 58.6984, 24.0491,
36.5907

■ 63.6258, 15.1750,
37.0526

■ 66.3404, 11.2538,
36.0136

■ 69.2149, 7.7428,
34.0517

■ 72.2420, 4.6539,
31.1840

■ 75.4135, 1.9856,
27.4487

■ 78.7209, -0.2725,
22.8955

■ 82.1560, -2.1368,
17.5797

■ 85.7107, -3.6273,
11.5577

■ 89.3772, -4.7658,
4.8849

Harmonies

Analogous

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



61.0766, 52.8071, 30.8777



61.0750, 19.4790, 37.1882



61.0766, -14.2477, 37.8422

Triad

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



61.0766, 19.4754, 37.1888



61.0766, -53.8761, -8.5427



61.0766, 43.3755, -62.6096

Complementary

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



61.0750, 19.4790, 37.1882



41.0961, 16.0189, -83.4666

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.



61.0766, 8.5592, -90.4748



61.0750, 19.4790, 37.1882



61.0766, -44.3801, -49.9411

Square

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



61.0766, 19.4754, 37.1888



61.0766, -52.1693, 20.2824



61.0766, -23.0941, -84.8991



61.0766, 68.5026, -20.5434

Rectangle

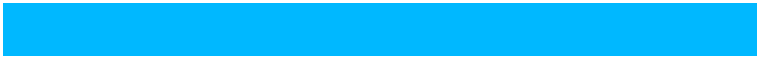
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0750, 19.4790, 37.1882



61.0766, -32.0813, 35.7937



61.0766, -23.0941, -84.8991



61.0766, 32.1452, -74.7463

Sweetspot

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



61.0766, 19.4754, 37.1888



89.1602, -0.9527, 23.9765



43.2672, 73.0400, 7.8536



40.6477, -0.0833, 11.9868

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.0766, 19.4754, 37.1888



65.5259, 27.1966, 40.8529



84.5336, -28.9148, 51.0142



39.7062, -1.7116, 5.1677



44.2341, 17.4058, 27.5615



12.7594, 3.2350, 7.9189

Inverse Universe

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



41.0961, 16.0189, -83.4666



41.7258, 25.9933, -108.2658



26.1544, 60.8245, -154.2001



38.5501, -2.3145, -1.1161



28.4698, 16.1463, -70.4399



8.8232, 2.1050, -15.5724

Previews

White Background



This preview shows how the HunterLab color 61.0750, 19.4790, 37.1882 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 61.0750, 19.4790, 37.1882 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 61.0750, 19.4790, 37.1882 Background



This preview shows how black text looks on a background with the HunterLab color 61.0750, 19.4790, 37.1882.



This preview shows how white text looks on a background with the HunterLab color 61.0750, 19.4790,

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

61.0750, 19.4790, 37.1882

Protanopia

61.1867, -8.1025, 36.4347

Deuteranopia

60.9954, 4.3015, 37.4371



Tritanopia

61.1366, 35.1996, 12.3093

Trichromacy



Original Color

61.0750, 19.4790, 37.1882

Protanomaly

60.9011, 1.2300, 36.5390

Deuteranomaly

60.8970, 9.5629, 37.3211

Tritanomaly

60.8827, 27.8596, 26.0135

Monochromacy



Original Color

61.0750, 19.4790, 37.1882

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.3571, 1.4603, 21.5708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0750, 19.4790, 37.1882 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(231, 145, 23)` looks like.

```
.text, #text, p{  
    color:rgb(231, 145, 23)  
}
```

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(231, 145, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 145, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0750, 19.4790, 37.1882 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(231, 145, 23) }
```


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

```
.border{ border-color:rgb(231, 145, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 145, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 145, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 145, 23);  
box-shadow:4px 4px 4px 4px rgb(231, 145,  
23) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0750, 19.4790, 37.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 145, 23) }
```

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

```
.background{ background-color: rgb(231,  
145, 23) }
```

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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