

Converting Colors

HunterLab(61.5925, 36.1767,
37.9711)

Have a look what the booklet for
HunterLab(61.5925, 36.1767,
37.9711) contains.

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Color

**HunterLab(61.4923, 36.4183,
37.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8414
RGB	255, 132, 20
RGB Percent	100%, 52%, 8%
CMY	0.0000, 0.4823, 0.9215
CMYK	0.00, 0.48, 0.92, 0.00
HSL	29°, 100%, 54%
HSV	29°, 92%, 100%
XYZ	49.6175, 37.8130, 5.3453
YIQ	156.0090, 109.2600, -8.7560

Conversions

Conversions Part 2

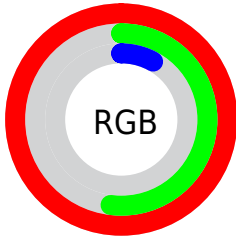
Format	Color
R_{YB}	255, 234, 20
Decimal	16745492
CIE Lab	67.88, 41.03, 71.39
CIE LCh	68, 82.342, 60.115
Yxy	37.8151, 0.5348, 0.4076
Android (android.graphics.Color)	4294935572 (0xFFFF8414)
YUV	156.0090, -67.0524, 86.8151
Hunter-Lab	61.4923, 36.4183, 37.8907

Details

The HunterLab color **61.4923, 36.4183, 37.8907** 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 **51.9739, 5.7606, -75.7972**, and the grayscale version is **57.8969, -3.0892, 3.1456**.

A 20% lighter version of the original color is **75.4797, 10.4748, 40.5788**, and **41.0045, 34.2618, 25.8666** is the 20% darker color. If you saturate the color by 10%, you get **59.2161, 41.4917, 37.2151**, and if you desaturate by 10%, it is **64.6626, 30.1172, 38.0485**.

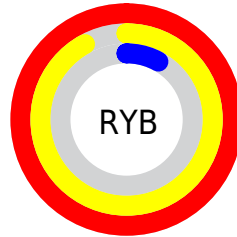
Distribution



Red (100%)

Green (52%)

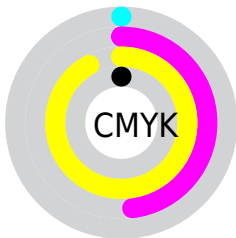
Blue (8%)



Red (100%)

Yellow (92%)

Blue (8%)

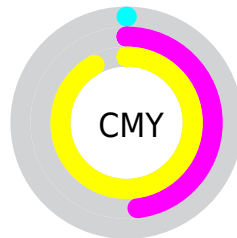


Cyan (0%)

Magenta (48%)

Yellow (92%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4923, 36.4183, 37.8907 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 61.4923, 36.4183, 37.8907 by changing the saturation by 10% instead.

61.4923, 36.4183,
37.8907

61.4923, 36.4183,
37.8907

183.5282, 44.1820,
76.0759

50.8323, 35.0952,
32.7956

84.7494, 38.7290,
47.4237

40.8698, 33.6585,
27.4763

97.2765, 39.7417,
51.9071

31.6595, 32.0985,
22.1617

110.3663, 40.6672,
56.2322

23.2688, 30.4202,
16.2882

123.9957, 41.5118,
60.4183

15.7873, 28.6640,
11.0511

138.1441, 42.2810,
64.4822

9.3425, 27.0101,
6.5397

152.7931, 42.9797,

0.0000, INF, NaN

68.4385

0.0000, NaN, NaN

167.9261, 43.6121,
72.2996

0.0000, NaN, NaN

61.4923, 36.4183,
37.8907

61.4923, 36.4183,
37.8907

59.2161, 41.4917,
37.2151

64.6626, 30.1172,
38.0485

68.1236, 24.1733,
37.2114

71.8586, 18.6594,
35.3736

75.8470, 13.6133,
32.5803

80.0682, 9.0449,
28.9011

84.5026, 4.9454,
24.4152

89.1316, 1.2946,
19.2025

93.9388, -1.9347,
13.3384

98.9089, -4.7726,
6.8920

Harmonies

Analogous

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



61.4940, 71.3173, 28.5748



61.4923, 36.4183, 37.8907



61.4940, -3.4271, 39.8749

Triad

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



61.4940, 36.4138, 37.8914



61.4940, -59.5628, 3.2114



61.4940, 36.7204, -88.9344

Complementary

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



61.4923, 36.4183, 37.8907



51.9739, 5.7606, -75.7972

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.



61.4940, -3.1417, -110.3886



61.4923, 36.4183, 37.8907



61.4940, -53.5935, -41.3164

Square

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



61.4940, 36.4138, 37.8914



61.4940, -53.6855, 28.4545



61.4940, -34.9226, -89.2370



61.4940, 71.5218, -40.9284

Rectangle

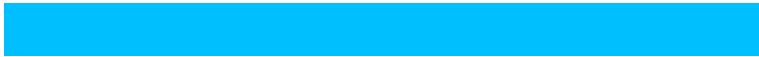
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



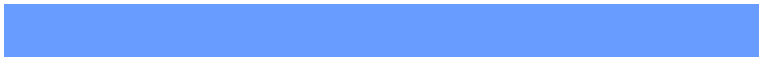
61.4923, 36.4183, 37.8907



61.4940, -25.9276, 39.0443



61.4940, -34.9226, -89.2370



61.4940, 23.1983, -100.4271

Sweetspot

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



61.4940, 36.4138, 37.8914



86.4033, 3.3758, 22.3336



48.8007, 85.1469, -1.1498



39.0611, 2.3169, 11.3318

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.4940, 36.4138, 37.8914



59.2163, 41.4919, 37.2152



93.7728, -21.9511, 56.9794



44.0628, -1.2600, 5.4057



43.1476, 29.1690, 27.0980



14.2469, 7.2949, 8.9066

Inverse Universe

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



51.9739, 5.7606, -75.7972



49.1141, 10.3652, -83.7640



28.6211, 66.8501, -177.1765



43.5329, -3.2383, -0.8116



35.9243, 6.6854, -59.3342



12.1468, 0.3800, -16.0027

Previews

White Background



This preview shows how the HunterLab color 61.4923, 36.4183, 37.8907 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 61.4923, 36.4183, 37.8907 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 61.4923, 36.4183, 37.8907 Background



This preview shows how black text looks on a background with the HunterLab color 61.4923, 36.4183, 37.8907.



This preview shows how white text looks on a background with the HunterLab color 61.4923, 36.4183,

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

61.4923, 36.4183, 37.8907

Protanopia

61.5881, -8.1823, 36.6246

Deuteranopia

61.4944, 4.5317, 37.9719



Tritanopia

61.5654, 45.9380, 17.0198

Trichromacy



Original Color

61.4923, 36.4183, 37.8907

Protanomaly

60.9777, 7.1417, 36.7490

Deuteranomaly

61.1260, 15.6552, 37.7447

Tritanomaly

61.2280, 41.3434, 28.4240

Monochromacy



Original Color

61.4923, 36.4183, 37.8907

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

57.5634, 7.2564, 21.2702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4923, 36.4183, 37.8907 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, 132, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 20)  
}
```

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, 132, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4923, 36.4183, 37.8907 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, 132, 20) }
```


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

```
.border{ border-color:rgb(255, 132, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.4923, 36.4183, 37.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 20) }
```

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

```
.background{ background-color: rgb(255,  
132, 20) }
```

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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