

Converting Colors

HunterLab(60.9387, 37.4072,
38.2050)

Have a look what the booklet for
HunterLab(60.9387, 37.4072,
38.2050) contains.

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Color

**HunterLab(61.0125, 37.2353,
38.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8200
RGB	255, 130, 0
RGB Percent	100%, 51%, 0%
CMY	0.0000, 0.4902, 1.0000
CMYK	0.00, 0.49, 1.00, 0.00
HSL	31°, 100%, 50%
HSV	31°, 100%, 100%
XYZ	49.2226, 37.2253, 4.5909
YIQ	152.5550, 116.2300, -13.9300

Conversions

Conversions Part 2

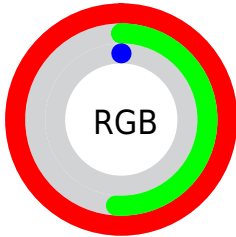
Format	Color
R_{YB}	245, 255, 0
Decimal	16744960
CIE Lab	67.45, 41.84, 74.26
CIE LCh	67, 85.237, 60.602
Yxy	37.2273, 0.5407, 0.4089
Android (android.graphics.Color)	4294935040 (0xFFFF8200)
YUV	152.5550, -75.2096, 89.8443
Hunter-Lab	61.0125, 37.2353, 38.2475

Details

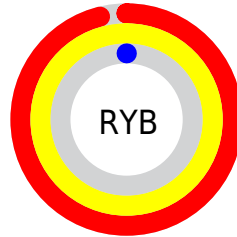
The HunterLab color **61.0125, 37.2353, 38.2475** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **46.7839, 14.9773, -90.8068**, and the grayscale version is **56.5233, -3.0159, 3.0710**.

A 20% lighter version of the original color is **74.8479, 11.1122, 41.3223**, and **40.6511, 35.1682, 25.6647** is the 20% darker color. If you saturate the color by 10%, you get **61.0131, 37.2331, 38.2478**, and if you desaturate by 10%, it is **63.8981, 31.1205, 39.0382**.

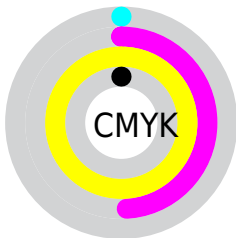
Distribution



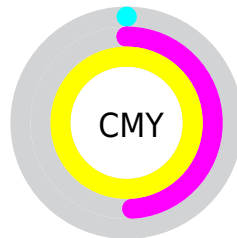
- Red (100%)
- Green (51%)
- Blue (0%)



- Red (96%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0125, 37.2353, 38.2475 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 61.0125, 37.2353, 38.2475 by changing the saturation by 10% instead.

61.0125, 37.2353,
38.2475

61.0125, 37.2353,
38.2475

182.8370, 45.2846,
77.8561

50.3821, 35.8764,
32.9666

84.2153, 39.6154,
48.1422

40.4512, 34.4038,
27.5427

96.7172, 40.6615,
52.7969

31.2752, 32.8088,
21.8927

109.7830, 41.6195,
57.2862

22.9222, 31.0993,
16.0455

123.3892, 42.4958,
61.6297

15.4829, 29.3231,
10.8380

137.5153, 43.2958,
65.8445


9.0799, 27.7352,
6.3560

152.1428, 44.0245,


0.0000, INF, NaN


69.9456


0.0000, NaN, NaN


 167.2551, 44.6861,
73.9458


0.0000, NaN, NaN


 61.0125, 37.2353,
38.2475

 61.0125, 37.2353,
38.2475


 61.0131, 37.2331,
38.2478

 63.8981, 31.1205,
39.0382

 67.0403, 25.2870,
38.9818

 70.4360, 19.8536,
37.9160

 74.0705, 14.8744,
35.8384

 77.9277, 10.3719,
32.7911

81.9910, 6.3475,
28.8379

86.2445, 2.7885,
24.0522

90.6731, -0.3270,
18.5086

95.2629, -3.0257,
12.2791

Harmonies

Analogous

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



61.0142, 73.8822, 29.2916



61.0125, 37.2353, 38.2475



61.0142, -4.0300, 40.0427

Triad

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



61.0142, 37.2308, 38.2482



61.0142, -60.7867, 2.5811



61.0142, 38.9060, -92.8837

Complementary

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



61.0125, 37.2353, 38.2475



46.7839, 14.9773, -90.8068

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.



61.0142, -2.4838, -116.3398



61.0125, 37.2353, 38.2475



61.0142, -54.5598, -44.1456

Square

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



61.0142, 37.2308, 38.2482



61.0142, -55.0482, 28.6606



61.0142, -35.3441, -94.5673



61.0142, 75.0052, -42.0054

Rectangle

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



61.0125, 37.2353, 38.2475



61.0142, -27.0547, 39.2284



61.0142, -35.3441, -94.5673



61.0142, 24.8555, -105.2644

Sweetspot

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



61.0142, 37.2308, 38.2482



86.2432, 2.7897, 24.0542



47.7551, 85.0172, 5.7719



39.0601, 1.9593, 12.1068

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.0142, 37.2308, 38.2482



61.0134, 37.2332, 38.2480



96.3220, -25.8713, 58.9001



44.1794, -1.4565, 5.5315



44.4426, 26.1306, 27.8428



14.6350, 6.4447, 9.1309

Inverse Universe

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



46.7839, 14.9773, -90.8068



46.7827, 14.9799, -90.8115



26.8704, 72.8831, -190.9182



43.4143, -3.0435, -0.9566



34.2536, 9.9467, -64.2860



11.6634, 1.2419, -17.2592

Previews

White Background



This preview shows how the HunterLab color 61.0125, 37.2353, 38.2475 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 61.0125, 37.2353, 38.2475 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 61.0125, 37.2353, 38.2475 Background



This preview shows how black text looks on a background with the HunterLab color 61.0125, 37.2353, 38.2475.



This preview shows how white text looks on a background with the HunterLab color 61.0125, 37.2353,

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

61.0125, 37.2353, 38.2475

Protanopia

61.1615, -8.2423, 36.8073

Deuteranopia

60.9810, 4.2245, 37.6502



Tritanopia

61.0852, 46.6434, 17.6153

Trichromacy



Original Color

61.0125, 37.2353, 38.2475

Protanomaly

60.2802, 7.5418, 36.8678

Deuteranomaly

60.7248, 15.6766, 37.6928

Tritanomaly

60.6681, 41.7140, 30.1160

Monochromacy



Original Color

61.0125, 37.2353, 38.2475

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.6224, 6.5757, 23.1636

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0125, 37.2353, 38.2475 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, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 0)  
}
```

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, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0125, 37.2353, 38.2475 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, 130, 0) }
```


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

```
.border{ border-color:rgb(255, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0125, 37.2353, 38.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 0) }
```

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

```
.background{ background-color: rgb(255,  
130, 0) }
```

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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