

Converting Colors

HunterLab(60.2134, 39.1088,
37.7879)

Have a look what the booklet for
HunterLab(60.2134, 39.1088,
37.7879) contains.

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Color

**HunterLab(60.1512, 39.2561,
37.7522)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E00
RGB	255, 126, 0
RGB Percent	100%, 49%, 0%
CMY	0.0000, 0.5058, 1.0000
CMYK	0.00, 0.51, 1.00, 0.00
HSL	30°, 100%, 50%
HSV	30°, 100%, 100%
XYZ	48.7008, 36.1817, 4.4169
YIQ	150.2070, 117.3300, -11.8380

Conversions

Conversions Part 2

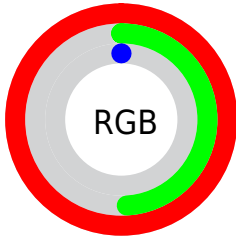
Format	Color
R _Y B	255, 249, 0
Decimal	16743936
CIE Lab	66.66, 43.81, 73.79
CIE LCh	67, 85.819, 59.304
Yxy	36.1837, 0.5454, 0.4052
Android (android.graphics.Color)	4294934016 (0xFFFF7E00)
YUV	150.2070, -74.0521, 91.9035
Hunter-Lab	60.1512, 39.2561, 37.7522

Details

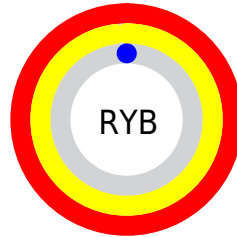
The HunterLab color **60.1512, 39.2561, 37.7522** is a dark color, and the websafe version is hex **FF6600**, and the color name is **amber (sae/ece)**. The color can be described as dark saturated orange. A complement of this color would be **47.8747, 12.7864, -87.4410**, and the grayscale version is **55.5674, -2.9649, 3.0191**.

A 20% lighter version of the original color is **73.7363, 13.1368, 40.7362**, and **39.8054, 36.5470, 25.1677** is the 20% darker color. If you saturate the color by 10%, you get **60.1521, 39.2533, 37.7526**, and if you desaturate by 10%, it is **63.0640, 32.9719, 38.5451**.

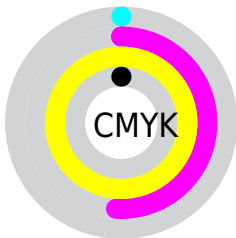
Distribution



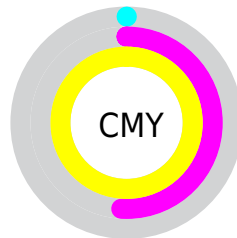
- Red (100%)
- Green (49%)
- Blue (0%)



- Red (100%)
- Yellow (98%)
- Blue (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1512, 39.2561, 37.7522 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 60.1512, 39.2561, 37.7522 by changing the saturation by 10% instead.

60.1512, 39.2561,
37.7522

60.1512, 39.2561,
37.7522

181.5937, 47.9747,
77.2402

49.5743, 37.8148,
32.4810

83.2559, 41.7975,
47.6243

39.7008, 36.2601,
27.0958

95.7123, 42.9215,
52.2662

30.5868, 34.5864,
21.4108

108.7346, 43.9557,
56.7421

22.3020, 32.8084,
15.6114

122.2991, 44.9063,
61.0716

14.9396, 30.9934,
10.4577

136.3849, 45.7788,
65.2722

8.5866, 29.7393,
6.0107

150.9736, 46.5781,

0.0000, INF, NaN

69.3589

0.0000, NaN, NaN

166.0482, 47.3088,
73.3445

0.0000, NaN, NaN

60.1512, 39.2561,
37.7522

60.1512, 39.2561,
37.7522

60.1521, 39.2533,
37.7526

63.0640, 32.9719,
38.5451

66.2517, 26.9484,
38.4922

69.7088, 21.3140,
37.4330

73.4190, 16.1284,
35.3701

77.3638, 11.4178,
32.3503

81.5250, 7.1849,
28.4416

85.8850, 3.4175,
23.7206

90.4274, 0.0935,
18.2641

95.1372, -2.8145,
12.1452

Harmonies

Analogous

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



60.1529, 75.5485, 28.4838



60.1512, 39.2561, 37.7522



60.1529, -2.3139, 39.6610

Triad

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



60.1529, 39.2515, 37.7529



60.1529, -60.6178, 4.1207



60.1529, 37.3027, -95.6463

Complementary

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



60.1512, 39.2561, 37.7522



47.8747, 12.7864, -87.4410

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.



60.1529, -4.1065, -117.5850



60.1512, 39.2561, 37.7522



60.1529, -54.9590, -42.1735

Square

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



60.1529, 39.2515, 37.7529



60.1529, -54.3976, 29.2053



60.1529, -36.4194, -93.6726



60.1529, 74.2393, -44.6734

Rectangle

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



60.1512, 39.2561, 37.7522



60.1529, -25.7012, 38.9830



60.1529, -36.4194, -93.6726



60.1529, 23.1577, -107.6870

Sweetspot

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



60.1529, 39.2515, 37.7529



85.8842, 3.4185, 23.7221



47.8739, 85.4504, 4.0700



38.8728, 2.2908, 11.9393

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.1529, 39.2515, 37.7529



60.1524, 39.2535, 37.7528



94.9197, -23.8309, 58.0718



44.1243, -1.3637, 5.4721



43.8225, 27.5713, 27.4859



14.4499, 6.8468, 9.0238

Inverse Universe

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



47.8747, 12.7864, -87.4410



47.8739, 12.7883, -87.4444



27.0414, 72.1297, -189.5059



43.4703, -3.1355, -0.8881



35.0359, 8.3979, -61.9204



11.8903, 0.8328, -16.6596

Previews

White Background



This preview shows how the HunterLab color 60.1512, 39.2561, 37.7522 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 60.1512, 39.2561, 37.7522 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 60.1512, 39.2561, 37.7522 Background



This preview shows how black text looks on a background with the HunterLab color 60.1512, 39.2561, 37.7522.

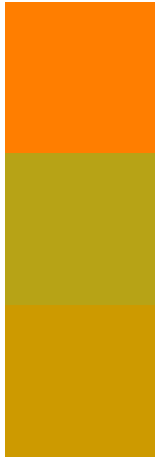


This preview shows how white text looks on a background with the HunterLab color 60.1512, 39.2561,

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

60.1512, 39.2561, 37.7522

Protanopia

60.2657, -8.4028, 36.2416

Deuteranopia

60.0752, 4.0105, 37.0883



Tritanopia

60.1874, 48.2593, 18.1528

Trichromacy



Original Color

60.1512, 39.2561, 37.7522

Protanomaly

59.4977, 7.7238, 36.3834

Deuteranomaly

59.6946, 16.3532, 37.0698

Tritanomaly

59.8107, 43.6114, 29.9017

Monochromacy



Original Color

60.1512, 39.2561, 37.7522

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.2877, 7.6242, 22.5913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1512, 39.2561, 37.7522 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, 126, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 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, 126, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1512, 39.2561, 37.7522 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, 126, 0) }
```


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

```
.border{ border-color:rgb(255, 126, 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, 126, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1512, 39.2561, 37.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 0) }
```

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

```
.background{ background-color: rgb(255,  
126, 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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