

Converting Colors

HunterLab(61.8961, 35.1993,
38.7563)

Have a look what the booklet for
HunterLab(61.8961, 35.1993,
38.7563) contains.

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Color

**HunterLab(61.8952, 35.2012,
38.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8600
RGB	255, 134, 0
RGB Percent	100%, 53%, 0%
CMY	0.0000, 0.4745, 1.0000
CMYK	0.00, 0.47, 1.00, 0.00
HSL	32°, 100%, 50%
HSV	32°, 100%, 100%
XYZ	49.7651, 38.3102, 4.7717
YIQ	154.9030, 115.1300, -16.0220

Conversions

Conversions Part 2

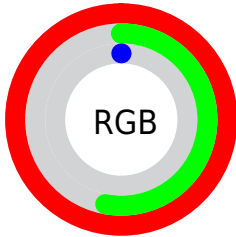
Format	Color
R_{YB}	230, 255, 0
Decimal	16745984
CIE _{Lab}	68.25, 39.85, 74.74
CIE _{LCh}	68, 84.702, 61.936
Yxy	38.3122, 0.5360, 0.4126
Android (android.graphics.Color)	4294936064 (0xFFFF8600)
YUV	154.9030, -76.3672, 87.7851
Hunter-Lab	61.8952, 35.2012, 38.7558

Details

The HunterLab color **61.8952, 35.2012, 38.7558** 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 **45.7111, 17.1902, -94.2429**, and the grayscale version is **57.4819, -3.0671, 3.1231**.

A 20% lighter version of the original color is **75.9742, 9.0929, 41.9183**, and **41.3654, 33.3466, 26.0729** is the 20% darker color. If you saturate the color by 10%, you get **61.8958, 35.1991, 38.7561**, and if you desaturate by 10%, it is **64.7481, 29.2638, 39.5410**.

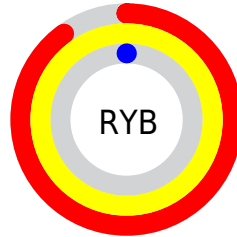
Distribution



Red (100%)

Green (53%)

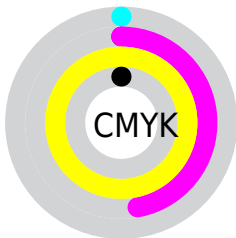
Blue (0%)



Red (90%)

Yellow (100%)

Blue (0%)

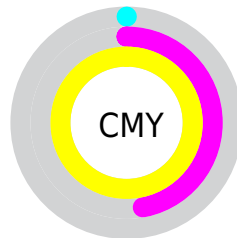


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.8952, 35.2012, 38.7558 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 61.8952, 35.2012, 38.7558 by changing the saturation by 10% instead.


 61.8952, 35.2012,
38.7558


 61.8952, 35.2012,
38.7558


184.1080, 42.5682,
78.4900


 51.2105, 33.9274,
33.4647

 85.1977, 37.4161,
48.6742


 41.2215, 32.5402,
28.0056


 97.7458, 38.3824,
53.3423


 31.9826, 31.0287,
22.3878


 110.8558, 39.2628,
57.8456

 23.5605, 29.3946,
16.4924

 124.5045, 40.0635,
62.2036

 16.0438, 27.6701,
11.2306

 138.6715, 40.7898,
66.4332

 9.5584, 26.0060,
6.6909

 153.3385, 41.4467,

0.0000, INF, NaN

70.5493

0.0000, NaN, NaN

168.4890, 42.0382,
74.5646

0.0000, NaN, NaN

61.8952, 35.2012,
38.7558

61.8952, 35.2012,
38.7558

61.8958, 35.1991,
38.7561

64.7481, 29.2638,
39.5410

67.8405, 23.6244,
39.4784

71.1712, 18.3942,
38.4036

74.7274, 13.6220,
36.3096

78.4950, 9.3277,
33.2335

82.4589, 5.5114,
29.2351

86.6048, 2.1603,
24.3842

90.9189, -0.7470,
18.7534

95.3883, -3.2365,
12.4133

Harmonies

Analogous

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



61.8969, 72.2118, 30.1122



61.8952, 35.2012, 38.7558



61.8969, -5.7684, 40.4258

Triad

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



61.8969, 35.1968, 38.7565



61.8969, -60.9563, 0.9614



61.8969, 40.5562, -90.1493

Complementary

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



61.8952, 35.2012, 38.7558



45.7111, 17.1902, -94.2429

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.



61.8969, -0.8044, -115.1147



61.8952, 35.2012, 38.7558



61.8969, -54.1365, -46.1836

Square

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



61.8969, 35.1968, 38.7565



61.8969, -55.7175, 28.0584



61.8969, -34.2217, -95.4950



61.8969, 75.7970, -39.3634

Rectangle

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



61.8952, 35.2012, 38.7558



61.8969, -28.4338, 39.4611



61.8969, -34.2217, -95.4950



61.8969, 26.6054, -102.8669

Sweetspot

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



61.8969, 35.1968, 38.7565



86.6035, 2.1616, 24.3864



47.6408, 84.6003, 7.4120



39.2482, 1.6281, 12.2744

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8969, 35.1968, 38.7565



61.8961, 35.1993, 38.7563



95.9073, -27.4065, 58.6176



44.2346, -1.5492, 5.5909



45.0776, 24.6811, 28.2087



14.8235, 6.0416, 9.2399

Inverse Universe

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



45.7111, 17.1902, -94.2429



45.7098, 17.1931, -94.2482



26.9215, 72.9194, -190.4904



43.3583, -2.9514, -1.0251



33.4838, 11.5107, -66.7002



11.4391, 1.6547, -17.8700

Previews

White Background



This preview shows how the HunterLab color 61.8952, 35.2012, 38.7558 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 61.8952, 35.2012, 38.7558 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 61.8952, 35.2012, 38.7558 Background



This preview shows how black text looks on a background with the HunterLab color 61.8952, 35.2012, 38.7558.



This preview shows how white text looks on a background with the HunterLab color 61.8952, 35.2012,

38.7558.

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

61.8952, 35.2012, 38.7558

Protanopia

61.9570, -8.4457, 37.3034

Deuteranopia

61.8891, 4.4395, 38.2135



Tritanopia

62.0290, 45.1268, 16.7479

Trichromacy



Original Color

61.8952, 35.2012, 38.7558

Protanomaly

61.2139, 6.4598, 37.4304

Deuteranomaly

61.5027, 15.5039, 38.1691

Tritanomaly

61.5738, 39.9272, 29.9581

Monochromacy



Original Color

61.8952, 35.2012, 38.7558

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

57.3103, 6.1391, 23.2096

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8952, 35.2012, 38.7558 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, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 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, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8952, 35.2012, 38.7558 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, 134, 0) }
```


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

```
.border{ border-color:rgb(255, 134, 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, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8952, 35.2012, 38.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 0) }
```

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

```
.background{ background-color: rgb(255,  
134, 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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