

Converting Colors

HunterLab(62.7989, 33.1561,
39.2768)

Have a look what the booklet for
HunterLab(62.7989, 33.1561,
39.2768) contains.

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Color

**HunterLab(62.7989, 33.1561,
39.2768)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8A00
RGB	255, 138, 0
RGB Percent	100%, 54%, 0%
CMY	0.0000, 0.4588, 0.9999
CMYK	0.00, 0.46, 1.00, 0.00
HSL	32°, 100%, 50%
HSV	32°, 100%, 100%
XYZ	50.3285, 39.4370, 4.9595
YIQ	157.2510, 114.0300, -18.1140

Conversions

Conversions Part 2

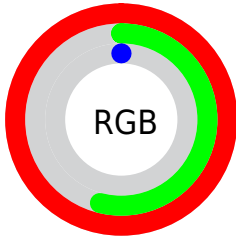
Format	Color
RYB	216, 255, 0
Decimal	16747008
CIELab	69.07, 37.84, 75.24
CIELCh	69, 84.219, 63.302
Yxy	39.4392, 0.5313, 0.4163
Android (android.graphics.Color)	4294937088 (0xFFFF8A00)
YUV	157.2510, -77.5247, 85.7259
Hunter-Lab	62.7989, 33.1561, 39.2768

Details

The HunterLab color **62.7989, 33.1561, 39.2768** 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 **44.6582, 19.4228, -97.7460**, and the grayscale version is **58.4432, -3.1184, 3.1753**.

A 20% lighter version of the original color is **77.1062, 7.0323, 42.6540**, and **42.1093, 31.4929, 26.4989** is the 20% darker color. If you saturate the color by 10%, you get **62.7992, 33.1546, 39.2770**, and if you desaturate by 10%, it is **65.6139, 27.4028, 40.0532**.

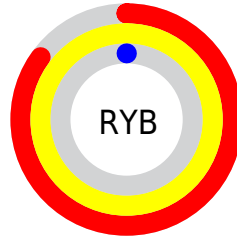
Distribution



Red (100%)

Green (54%)

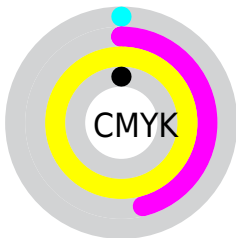
Blue (0%)



Red (85%)

Yellow (100%)

Blue (0%)

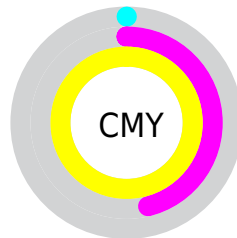


Cyan (0%)

Magenta (46%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7989, 33.1561, 39.2768 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 62.7989, 33.1561, 39.2768 by changing the saturation by 10% instead.

62.7989, 33.1561,
39.2768

62.7989, 33.1561,
39.2768

185.4060, 39.8288,
79.1414

52.0591, 31.9699,
33.9750

86.2025, 35.2019,
49.2201

42.0113, 30.6713,
28.4843

98.7975, 36.0871,
53.9020

32.7088, 29.2474,
22.8961

111.9524, 36.8885,
58.4199

24.2169, 27.6953,
16.9518

125.6442, 37.6123,
62.7929

16.6220, 26.0343,
11.6354

139.8528, 38.2639,
67.0378

10.0461, 24.3716,
7.0323

154.5600, 38.8478,

0.0000, INF, NaN

71.1695

0.0000, NaN, NaN

169.7493, 39.3682,
75.2003

0.0000, NaN, NaN

62.7989, 33.1561,
39.2768

62.7989, 33.1561,
39.2768

62.7992, 33.1546,
39.2770

65.6139, 27.4028,
40.0532

68.6523, 21.9614,
39.9816

71.9146, 16.9360,
38.8954

75.3900, 12.3713,
36.7831

79.0660, 8.2849,
33.6769

■ 82.9292, 4.6764,
29.6323

■ 86.9666, 1.5327,
24.7158

■ 91.1655, -1.1668,
18.9977

■ 95.5143, -3.4474,
12.5470

Harmonies

Analogous

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



62.8006, 70.5389, 30.9448



62.7989, 33.1561, 39.2768



62.8006, -7.5271, 40.8097

Triad

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



62.8006, 33.1517, 39.2775



62.8006, -61.1265, -0.7386



62.8006, 42.2519, -87.4462

Complementary

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



62.7989, 33.1561, 39.2768



44.6582, 19.4228, -97.7460

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.



62.8006, 0.9305, -113.9106



62.7989, 33.1561, 39.2768



62.8006, -53.6892, -48.2860

Square

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



62.8006, 33.1517, 39.2775



62.8006, -56.4051, 27.3973



62.8006, -33.0525, -96.4545



62.8006, 76.6138, -36.7505

Rectangle

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



62.7989, 33.1561, 39.2768



62.8006, -29.8372, 39.6802



62.8006, -33.0525, -96.4545



62.8006, 28.4060, -100.4969

Sweetspot

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



62.8006, 33.1517, 39.2775



86.9648, 1.5342, 24.7186



47.5312, 84.1996, 8.9897



39.4370, 1.2974, 12.4420

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.8006, 33.1517, 39.2775



62.7995, 33.1547, 39.2772



95.5002, -28.9210, 58.3402



44.2898, -1.6419, 5.6503



45.7269, 23.2251, 28.5833



15.0150, 5.6381, 9.3509

Inverse Universe

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



44.6582, 19.4228, -97.7460



44.6564, 19.4265, -97.7528



26.9725, 72.9556, -190.0644



43.3024, -2.8593, -1.0937



32.7273, 13.0892, -69.1620



11.2175, 2.0712, -18.4920

Previews

White Background



This preview shows how the HunterLab color 62.7989, 33.1561, 39.2768 looks on a white background.

Color Contrast Check

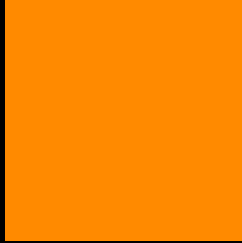
Large Text (above 18pt) WCAG AA × Fail

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 62.7989, 33.1561, 39.2768 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 62.7989, 33.1561, 39.2768 Background



This preview shows how black text looks on a background with the HunterLab color 62.7989, 33.1561, 39.2768.



This preview shows how white text looks on a background with the HunterLab color 62.7989, 33.1561,

39.2768.

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

62.7989, 33.1561, 39.2768

Protanopia

63.1506, -8.7682, 38.0935

Deuteranopia

62.7995, 4.6555, 38.7783



Tritanopia

62.7583, 44.0180, 16.0022

Trichromacy



Original Color

62.7989, 33.1561, 39.2768

Protanomaly

62.2727, 5.7687, 38.1106

Deuteranomaly

62.5416, 14.8236, 38.7973

Tritanomaly

62.4752, 38.0060, 30.1929

Monochromacy



Original Color

62.7989, 33.1561, 39.2768

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.3697, 5.4945, 23.8167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7989, 33.1561, 39.2768 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, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 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, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7989, 33.1561, 39.2768 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, 138, 0) }
```


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

```
.border{ border-color:rgb(255, 138, 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, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7989, 33.1561, 39.2768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 0) }
```

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

```
.background{ background-color: rgb(255,  
138, 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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