

Converting Colors

HunterLab(64.0584, 32.2550,
35.9247)

Have a look what the booklet for
HunterLab(64.0584, 32.2550,
35.9247) contains.

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Color

**HunterLab(63.9867, 32.4022,
35.9047)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E3D
RGB	255, 142, 61
RGB Percent	100%, 56%, 24%
CMY	0.0000, 0.4431, 0.7608
CMYK	0.00, 0.44, 0.76, 0.00
HSL	25°, 100%, 62%
HSV	25°, 76%, 100%
XYZ	51.7554, 40.9430, 9.5899
YIQ	166.5530, 93.3490, -1.2350

Conversions

Conversions Part 2

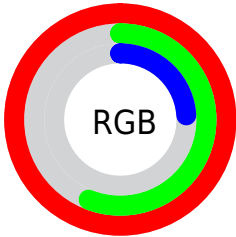
Format	Color
RYB	255, 200, 61
Decimal	16748093
CIELab	70.14, 37.02, 59.53
CIELCh	70, 70.097, 58.124
Yxy	40.9452, 0.5060, 0.4003
Android (android.graphics.Color)	4294938173 (0xFFFF8E3D)
YUV	166.5530, -52.0376, 77.5680
Hunter-Lab	63.9867, 32.4022, 35.9047

Details

The HunterLab color **63.9867, 32.4022, 35.9047** 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 **62.0339, -7.5332, -52.3294**, and the grayscale version is **62.1613, -3.3168, 3.3773**.

A 20% lighter version of the original color is **78.9840, 6.8372, 37.0619**, and **43.0335, 30.0257, 27.0427** is the 20% darker color. If you saturate the color by 10%, you get **60.5006, 39.1652, 36.3689**, and if you desaturate by 10%, it is **67.8281, 25.9709, 34.4610**.

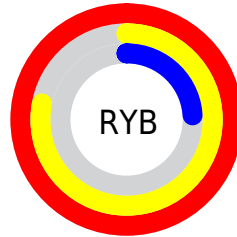
Distribution



Red (100%)

Green (56%)

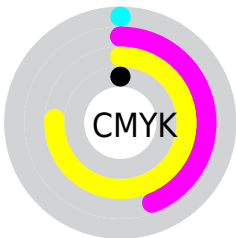
Blue (24%)



Red (100%)

Yellow (78%)

Blue (24%)

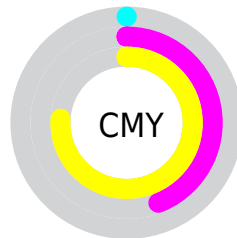


Cyan (0%)

Magenta (44%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9867, 32.4022, 35.9047 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 63.9867, 32.4022, 35.9047 by changing the saturation by 10% instead.

63.9867, 32.4022,
35.9047

63.9867, 32.4022,
35.9047

187.1073, 38.7396,
68.2010

53.1754, 31.2605,
31.6185

87.5218, 34.3642,
43.9106

43.0511, 30.0075,
27.1008

100.1778, 35.2097,
47.6824

33.6661, 28.6298,
22.3748

113.3912, 35.9729,
51.3291

25.0838, 27.1223,
17.5587

127.1392, 36.6597,
54.8682

17.3880, 25.4970,
12.1716

141.4020, 37.2755,
58.3137

10.6957, 23.8359,
7.4870

156.1614, 37.8248,

1.2337, 131.0162,

61.6779

0.8636

171.4014, 38.3116,
64.9708

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9867, 32.4022,
35.9047

■ 63.9867, 32.4022,
35.9047

■ 60.5006, 39.1652,
36.3689

■ 67.8281, 25.9709,
34.4610

■ 57.3909, 46.1276,
35.8748

■ 71.9899, 19.9678,
32.0838

■ 56.2731, 48.8411,
35.5303


■ 76.4438, 14.4272,
28.8538

■ 81.1616, 9.3564,
24.8617

■ 86.1174, 4.7426,

20.1965

 91.2878, 0.5608,
14.9408

 96.6524, -3.2199,
9.1674

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



63.9884, 60.3412, 25.3759



63.9867, 32.4022, 35.9047



63.9884, -1.3927, 38.7023

Triad

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



63.9884, 32.3980, 35.9055



63.9884, -54.0063, 5.3681



63.9884, 28.2233, -72.5558

Complementary

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



63.9867, 32.4022, 35.9047



62.0339, -7.5332, -52.3294

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.



63.9884, -5.4178, -86.8930



63.9867, 32.4022, 35.9047



63.9884, -49.1179, -30.6790

Square

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



63.9884, 32.3980, 35.9055



63.9884, -47.7094, 27.3123



63.9884, -32.7587, -68.7574



63.9884, 57.6171, -35.7440

Rectangle

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



63.9867, 32.4022, 35.9047



63.9884, -21.4441, 37.8655



63.9884, -32.7587, -68.7574



63.9884, 16.8556, -80.7721

Sweetspot

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



63.9884, 32.3980, 35.9055



87.6869, 3.4111, 18.6386



52.5929, 79.5793, -11.4394



39.7166, 2.3032, 9.4667

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9884, 32.3980, 35.9055



58.9214, 42.5803, 36.2395



91.2316, -17.0227, 53.0490



43.8558, -0.9101, 5.1818



41.0188, 34.4286, 25.8783



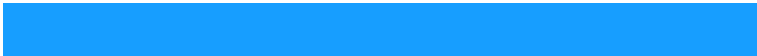
13.5947, 8.7904, 8.5309

Inverse Universe

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



62.0339, -7.5332, -52.3294



56.4723, -1.9562, -64.5644



36.8016, 45.4098, -128.9467



43.7443, -3.5844, -0.5540



39.0220, 1.0530, -51.0473



13.0330, -1.1141, -13.8852

Previews

White Background



This preview shows how the HunterLab color 63.9867, 32.4022, 35.9047 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 63.9867, 32.4022, 35.9047 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 63.9867, 32.4022, 35.9047 Background



This preview shows how black text looks on a background with the HunterLab color 63.9867, 32.4022, 35.9047.



This preview shows how white text looks on a background with the HunterLab color 63.9867, 32.4022, 35.9047.

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

63.9867, 32.4022, 35.9047

Protanopia

64.0399, -8.0676, 34.1072

Deuteranopia

63.9592, 4.6933, 36.2583



Tritanopia

63.9630, 41.9845, 15.3177

Trichromacy



Original Color

63.9867, 32.4022, 35.9047

Protanomaly

63.3871, 5.8247, 34.3397

Deuteranomaly

63.6876, 14.9308, 35.9018

Tritanomaly

63.7588, 37.8255, 25.1463

Monochromacy



Original Color

63.9867, 32.4022, 35.9047

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

61.7692, 6.5601, 18.5743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9867, 32.4022, 35.9047 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, 142, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 61)  
}
```

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, 142, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9867, 32.4022, 35.9047 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, 142, 61) }
```


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

```
.border{ border-color:rgb(255, 142, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9867, 32.4022, 35.9047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 61) }
```

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

```
.background{ background-color: rgb(255,  
142, 61) }
```

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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