

Converting Colors

HunterLab(63.4077, 32.2434,
38.6661)

Have a look what the booklet for
HunterLab(63.4077, 32.2434,
38.6661) contains.

HunterLab(63.3208, 32.4374, 38.6150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.3208, 32.4374,
38.6150)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C1B
RGB	255, 140, 27
RGB Percent	100%, 55%, 11%
CMY	0.0000, 0.4510, 0.8941
CMYK	0.00, 0.45, 0.89, 0.00
HSL	30°, 100%, 55%
HSV	30°, 89%, 100%
XYZ	50.8158, 40.0952, 6.0977
YIQ	161.5030, 104.8130, -10.7630

Conversions

Conversions Part 2

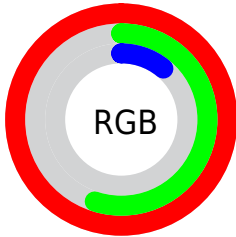
Format	Color
R _Y B	255, 251, 27
Decimal	16747547
CIE Lab	69.54, 37.11, 70.96
CIE LCh	70, 80.078, 62.391
Yxy	40.0974, 0.5238, 0.4133
Android (android.graphics.Color)	4294937627 (0xFFFF8C1B)
YUV	161.5030, -66.3100, 81.9969
Hunter-Lab	63.3208, 32.4374, 38.6150

Details

The HunterLab color **63.3208, 32.4374, 38.6150** 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 **51.7666, 6.5584, -76.3433**, and the grayscale version is **60.1394, -3.2089, 3.2675**.

A 20% lighter version of the original color is **78.0782, 6.0996, 41.5327**, and **42.4921, 30.5556, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **60.3985, 38.6910, 37.8522**, and if you desaturate by 10%, it is **66.5221, 26.4481, 38.5046**.

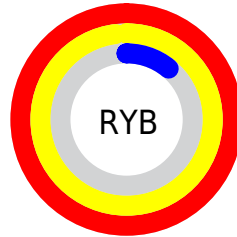
Distribution



Red (100%)

Green (55%)

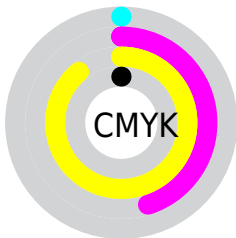
Blue (11%)



Red (100%)

Yellow (98%)

Blue (11%)

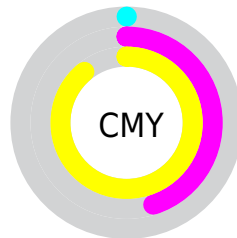


Cyan (0%)

Magenta (45%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3208, 32.4374, 38.6150 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 63.3208, 32.4374, 38.6150 by changing the saturation by 10% instead.

63.3208, 32.4374,
38.6150

63.3208, 32.4374,
38.6150

186.1542, 38.8459,
76.3915

52.5495, 31.2852,
33.5857

86.7824, 34.4183,
48.0291

42.4679, 30.0212,
28.3159

99.4043, 35.2724,
52.4603

33.1290, 28.6321,
23.1903

112.5849, 36.0437,
56.7374

24.5972, 27.1132,
17.2181

126.3015, 36.7383,
60.8795

16.9577, 25.4792,
11.8704

140.5340, 37.3615,
64.9029

10.3303, 23.8214,
7.2312

155.2642, 37.9179,

0.0000, INF, NaN

68.8216

0.0000, NaN, NaN

170.4759, 38.4114,
72.6477

0.0000, NaN, NaN

■ 63.3208, 32.4374,
38.6150

■ 63.3208, 32.4374,
38.6150

■ 60.3985, 38.6910,
37.8522

■ 66.5221, 26.4481,
38.5046

■ 60.2336, 39.0605,
37.7995

■ 69.9888, 20.8580,
37.3853

■ 73.7060, 15.7196,
35.2632

■ 77.6557, 11.0570,
32.1865

■ 81.8197, 6.8720,
28.2237

86.1806, 3.1512,
23.4511

90.7223, -0.1276,
17.9452

95.4301, -2.9921,
11.7789

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



63.3225, 67.2293, 29.7482



63.3208, 32.4374, 38.6150



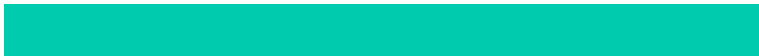
63.3225, -6.2758, 40.4113

Triad

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



63.3225, 32.4331, 38.6157



63.3225, -59.2416, 0.6057



63.3225, 38.6478, -82.5017

Complementary

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



63.3208, 32.4374, 38.6150



51.7666, 6.5584, -76.3433

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.



63.3225, -0.4356, -105.7031



63.3208, 32.4374, 38.6150



63.3225, -52.3129, -43.6053

Square

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



63.3225, 32.4331, 38.6157



63.3225, -54.2385, 27.1925



63.3225, -32.6668, -88.5027



63.3225, 71.3500, -35.8295

Rectangle

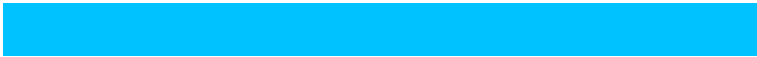
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3208, 32.4374, 38.6150



63.3225, -27.9012, 39.2781



63.3225, -32.6668, -88.5027



63.3225, 25.5489, -94.2033

Sweetspot

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



63.3225, 32.4331, 38.6157



87.2596, 2.3216, 22.1885



49.0735, 84.0869, -0.5573



39.6647, 1.6214, 11.0873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3225, 32.4331, 38.6157



60.2339, 39.0607, 37.7996



95.1093, -23.8111, 57.5425



44.1296, -1.3726, 5.4778



43.8813, 27.4337, 27.5197



14.4675, 6.8084, 9.0340

Inverse Universe

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



51.7666, 6.5584, -76.3433



47.7687, 12.9972, -87.7639



29.0221, 65.9899, -174.2366



43.4649, -3.1267, -0.8946



34.9604, 8.5455, -62.1449



11.8685, 0.8718, -16.7166

Previews

White Background



This preview shows how the HunterLab color 63.3208, 32.4374, 38.6150 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 63.3208, 32.4374, 38.6150 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 63.3208, 32.4374, 38.6150 Background



This preview shows how black text looks on a background with the HunterLab color 63.3208, 32.4374, 38.6150.



This preview shows how white text looks on a background with the HunterLab color 63.3208, 32.4374,

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

63.3208, 32.4374, 38.6150

Protanopia

63.6032, -8.5763, 37.5596

Deuteranopia

63.1956, 4.5630, 39.0207



Tritanopia

63.2361, 43.2052, 15.7279

Trichromacy



Original Color

63.3208, 32.4374, 38.6150

Protanomaly

63.0024, 5.4998, 37.6321

Deuteranomaly

62.9503, 14.8266, 38.7788

Tritanomaly

63.0781, 37.7390, 28.1965

Monochromacy



Original Color

63.3208, 32.4374, 38.6150

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.0327, 5.8535, 21.6648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3208, 32.4374, 38.6150 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, 140, 27)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 27)  
}
```

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, 140, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3208, 32.4374, 38.6150 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, 140, 27) }
```


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

```
.border{ border-color:rgb(255, 140, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 27);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3208, 32.4374, 38.6150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 27) }
```

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

```
.background{ background-color: rgb(255,  
140, 27) }
```

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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