

Converting Colors

HunterLab(63.1109, 32.4584,
39.4569)

Have a look what the booklet for
HunterLab(63.1109, 32.4584,
39.4569) contains.

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Color

**HunterLab(63.0280, 32.6434,
39.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B00
RGB	255, 139, 0
RGB Percent	100%, 55%, 0%
CMY	0.0000, 0.4549, 1.0000
CMYK	0.00, 0.45, 1.00, 0.00
HSL	33°, 100%, 50%
HSV	33°, 100%, 100%
XYZ	50.4727, 39.7253, 5.0076
YIQ	157.8380, 113.7550, -18.6370

Conversions

Conversions Part 2

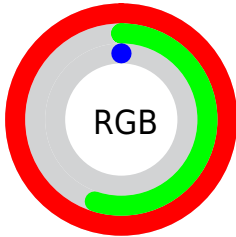
Format	Color
R_{YB}	213, 255, 0
Decimal	16747264
CIE _{Lab}	69.27, 37.33, 75.37
CIE _{LCh}	69, 84.106, 63.648
Y _{xy}	39.7274, 0.5301, 0.4173
Android (android.graphics.Color)	4294937344 (0xFFFF8B00)
YUV	157.8380, -77.8141, 85.2111
Hunter-Lab	63.0280, 32.6434, 39.4090

Details

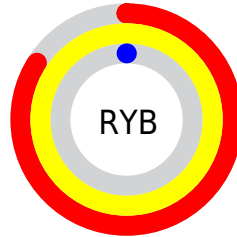
The HunterLab color **63.0280, 32.6434, 39.4090** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **44.3979, 19.9844, -98.6329**, and the grayscale version is **58.6839, -3.1312, 3.1884**.

A 20% lighter version of the original color is **77.4002, 6.5650, 42.7095**, and **42.2998, 31.0251, 26.6081** is the 20% darker color. If you saturate the color by 10%, you get **63.0283, 32.6419, 39.4092**, and if you desaturate by 10%, it is **65.8327, 26.9371, 40.1827**.

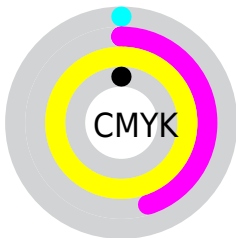
Distribution



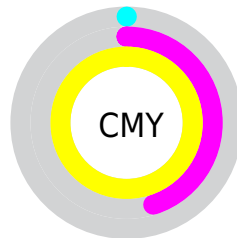
- Red (100%)
- Green (55%)
- Blue (0%)



- Red (84%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.0280, 32.6434, 39.4090 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 63.0280, 32.6434, 39.4090 by changing the saturation by 10% instead.


 63.0280, 32.6434,
39.4090


 63.0280, 32.6434,
39.4090


185.7346, 39.1408,
79.3069


 52.2744, 31.4794,
34.1044


 86.4571, 34.6464,
49.3587


 42.2117, 30.2034,
28.6064


 99.0639, 35.5111,
54.0442


 32.8932, 28.8021,
23.0252


 112.2301, 36.2926,
58.5658

 24.3837, 27.2715,
17.0686

 125.9329, 36.9970,
62.9426

 16.7692, 25.6280,
11.7384

 140.1519, 37.6296,
67.1915

 10.1706, 23.9695,
7.1195

 154.8692, 38.1952,

0.0000, INF, NaN

71.3270

0.0000, NaN, NaN

170.0684, 38.6977,
75.3619

0.0000, NaN, NaN

63.0280, 32.6434,
39.4090

63.0280, 32.6434,
39.4090

63.0283, 32.6419,
39.4092

65.8327, 26.9371,
40.1827

68.8569, 21.5457,
40.1084

72.1016, 16.5717,
39.0191

75.5565, 12.0589,
36.9020

79.2092, 8.0246,
33.7881

■ 83.0470, 4.4679,
29.7318

■ 87.0571, 1.3760,
24.7989

■ 91.2271, -1.2716,
19.0589

■ 95.5456, -3.5001,
12.5806

Harmonies

Analogous

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



63.0297, 70.1207, 31.1548



63.0280, 32.6434, 39.4090



63.0297, -7.9698, 40.9057

Triad

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



63.0297, 32.6390, 39.4097



63.0297, -61.1692, -1.1762



63.0297, 42.6828, -86.7757

Complementary

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



63.0280, 32.6434, 39.4090



44.3979, 19.9844, -98.6329

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.



63.0297, 1.3729, -113.6133



63.0280, 32.6434, 39.4090



63.0297, -53.5736, -48.8216

Square

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



63.0297, 32.6390, 39.4097



63.0297, -56.5799, 27.2226



63.0297, -32.7530, -96.6994



63.0297, 76.8219, -36.1021

Rectangle

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



63.0280, 32.6434, 39.4090



63.0297, -30.1917, 39.7327



63.0297, -32.7530, -96.6994



63.0297, 28.8639, -99.9092

Sweetspot

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



63.0297, 32.6390, 39.4097



87.0554, 1.3774, 24.8017



47.5312, 84.1996, 8.9897



39.4843, 1.2148, 12.4839

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.0297, 32.6390, 39.4097



63.0286, 32.6420, 39.4094



95.5002, -28.9210, 58.3402



44.3036, -1.6651, 5.6651



45.8914, 22.8601, 28.6783



15.0634, 5.5371, 9.3790

Inverse Universe

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



44.3979, 19.9844, -98.6329



44.3961, 19.9881, -98.6398



26.9725, 72.9556, -190.0644



43.2884, -2.8362, -1.1109



32.5402, 13.4861, -69.7851



11.1625, 2.1759, -18.6494

Previews

White Background



This preview shows how the HunterLab color 63.0280, 32.6434, 39.4090 looks on a white background.

Color Contrast Check

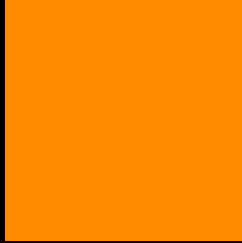
Large Text (above 18pt) WCAG AA × Fail

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 63.0280, 32.6434, 39.4090 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 63.0280, 32.6434, 39.4090 Background



This preview shows how black text looks on a background with the HunterLab color 63.0280, 32.6434, 39.4090.



This preview shows how white text looks on a background with the HunterLab color 63.0280, 32.6434,

39.4090.

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

63.0280, 32.6434, 39.4090

Protanopia

63.1506, -8.7682, 38.0935

Deuteranopia

63.0760, 4.1618, 38.9400



Tritanopia

62.9965, 43.6117, 15.8650

Trichromacy



Original Color

63.0280, 32.6434, 39.4090

Protanomaly

62.5472, 5.2738, 38.2727

Deuteranomaly

62.8017, 14.3171, 38.9487

Tritanomaly

62.7106, 37.5567, 30.1542

Monochromacy



Original Color

63.0280, 32.6434, 39.4090

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.6603, 5.0888, 23.7912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.0280, 32.6434, 39.4090 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, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 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, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.0280, 32.6434, 39.4090 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, 139, 0) }
```


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

```
.border{ border-color:rgb(255, 139, 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, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.0280, 32.6434, 39.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 0) }
```

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

```
.background{ background-color: rgb(255,  
139, 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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