

Converting Colors

HunterLab(63.9548, 30.5924,
39.9442)

Have a look what the booklet for
HunterLab(63.9548, 30.5924,
39.9442) contains.

HunterLab(63.9570, 30.5876, 39.9455)	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(63.9570, 30.5876,
39.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F00
RGB	255, 143, 0
RGB Percent	100%, 56%, 0%
CMY	0.0000, 0.4392, 1.0000
CMYK	0.00, 0.44, 1.00, 0.00
HSL	34°, 100%, 50%
HSV	34°, 100%, 100%
XYZ	51.0625, 40.9050, 5.2042
YIQ	160.1860, 112.6550, -20.7290

Conversions

Conversions Part 2

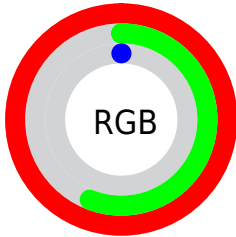
Format	Color
R_{YB}	200, 255, 0
Decimal	16748288
CIE Lab	70.11, 35.30, 75.88
CIE LCh	70, 83.691, 65.051
Yxy	40.9072, 0.5255, 0.4210
Android (android.graphics.Color)	4294938368 (0xFFFF8F00)
YUV	160.1860, -78.9717, 83.1519
Hunter-Lab	63.9570, 30.5876, 39.9455

Details

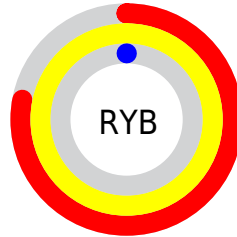
The HunterLab color **63.9570, 30.5876, 39.9455** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **43.3694, 22.2430, -102.2233**, and the grayscale version is **59.6484, -3.1827, 3.2408**.

A 20% lighter version of the original color is **78.8392, 3.9999, 43.6443**, and **43.0796, 29.1383, 27.0556** is the 20% darker color. If you saturate the color by 10%, you get **63.9575, 30.5858, 39.9458**, and if you desaturate by 10%, it is **66.7173, 25.0728, 40.7066**.

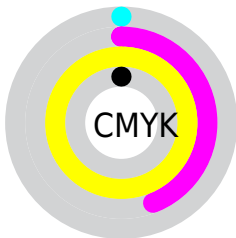
Distribution



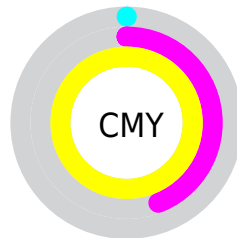
- Red (100%)
- Green (56%)
- Blue (0%)



- Red (78%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.9570, 30.5876, 39.9455 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 63.9570, 30.5876, 39.9455 by changing the saturation by 10% instead.


 63.9570, 30.5876,
39.9455

 63.9570, 30.5876,
39.9455


187.0648, 36.3772,
79.9798


 53.1475, 29.5140,
34.6295


 87.4888, 32.4174,
49.9214


 43.0251, 28.3301,
29.1044


 100.1434, 33.1991,
54.6215


 33.6421, 27.0213,
23.5495


 113.3552, 33.9001,
59.1583

 25.0621, 25.5802,
17.5435

 127.1019, 34.5263,
63.5508

 17.3688, 24.0131,
12.1581

 141.3633, 35.0828,
67.8157

 10.6793, 22.3854,
7.4755

 156.1215, 35.5743,

 1.1077, 138.8723,

71.9674

0.7754

171.3602, 36.0046,
76.0185

0.0000, NaN, NaN

0.0000, NaN, NaN

63.9570, 30.5876,
39.9455

63.9570, 30.5876,
39.9455

63.9575, 30.5858,
39.9458

66.7173, 25.0728,
40.7066

69.6824, 19.8831,
40.6201

72.8546, 15.1156,
39.5167

76.2255, 10.8107,
37.3792

79.7842, 6.9841,

34.2337

■ 83.5195, 3.6346,
30.1304

■ 87.4197, 0.7496,
25.1315

■ 91.4738, -1.6908,
19.3041

■ 95.6711, -3.7106,
12.7153

Harmonies

Analogous

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



63.9587, 68.4479, 32.0015



63.9570, 30.5876, 39.9455



63.9587, -9.7518, 41.2901

Triad

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



63.9587, 30.5833, 39.9462



63.9587, -61.3402, -2.9770



63.9587, 44.4344, -84.1162

Complementary

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



63.9570, 30.5876, 39.9455



43.3694, 22.2430, -102.2233

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.



63.9587, 3.1762, -112.4387



63.9570, 30.5876, 39.9455



63.9587, -53.0965, -51.0038

Square

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



63.9587, 30.5833, 39.9462



63.9587, -57.2900, 26.4861



63.9587, -31.5261, -97.6991



63.9587, 77.6701, -33.5293

Rectangle

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



63.9570, 30.5876, 39.9455



63.9587, -31.6239, 39.9335



63.9587, -31.5261, -97.6991



63.9587, 30.7267, -97.5780

Sweetspot

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



63.9587, 30.5833, 39.9462



87.4182, 0.7508, 25.1341



47.4261, 83.8153, 10.5058



39.6739, 0.8845, 12.6517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9587, 30.5833, 39.9462



63.9577, 30.5859, 39.9459



95.1005, -30.4144, 58.0678



44.3589, -1.7578, 5.7245



46.5585, 21.3968, 29.0637



15.2589, 5.1331, 9.4923

Inverse Universe

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



43.3694, 22.2430, -102.2233



43.3678, 22.2466, -102.2299



27.0259, 72.9943, -189.6204



43.2326, -2.7440, -1.1795



31.8008, 15.0827, -72.3073



10.9444, 2.5971, -19.2860

Previews

White Background



This preview shows how the HunterLab color 63.9570, 30.5876, 39.9455 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 63.9570, 30.5876, 39.9455 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 63.9570, 30.5876, 39.9455 Background



This preview shows how black text looks on a background with the HunterLab color 63.9570, 30.5876, 39.9455.



This preview shows how white text looks on a background with the HunterLab color 63.9570, 30.5876,

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

63.9570, 30.5876, 39.9455

Protanopia

64.0507, -8.6213, 38.7042

Deuteranopia

63.9891, 4.3774, 39.5064



Tritanopia

63.9630, 41.9845, 15.3177

Trichromacy



Original Color

63.9570, 30.5876, 39.9455

Protanomaly

63.3386, 5.0877, 38.7616

Deuteranomaly

63.8481, 13.6344, 39.5816

Tritanomaly

63.6380, 35.6240, 30.4037

Monochromacy



Original Color

63.9570, 30.5876, 39.9455

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.7266, 4.4423, 24.4025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9570, 30.5876, 39.9455 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, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9570, 30.5876, 39.9455 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, 143, 0) }
```


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

```
.border{ border-color:rgb(255, 143, 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, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9570, 30.5876, 39.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 0) }
```

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

```
.background{ background-color: rgb(255,  
143, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor