

Converting Colors

HunterLab(63.2137, 32.2294,
39.5162)

Have a look what the booklet for
HunterLab(63.2137, 32.2294,
39.5162) contains.

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Color

**HunterLab(63.2583, 32.1301,
39.5420)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C00
RGB	255, 140, 0
RGB Percent	100%, 55%, 0%
CMY	0.0000, 0.4509, 1.0000
CMYK	0.00, 0.45, 1.00, 0.00
HSL	33°, 100%, 50%
HSV	33°, 100%, 100%
XYZ	50.6180, 40.0161, 5.0560
YIQ	158.4250, 113.4800, -19.1600

Conversions

Conversions Part 2

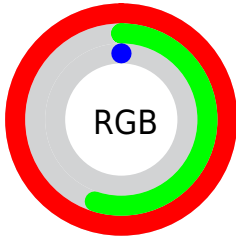
Format	Color
R_{YB}	209, 255, 0
Decimal	16747520
CIE _{Lab}	69.48, 36.83, 75.49
CIE _{LCh}	69, 83.997, 63.997
Yxy	40.0183, 0.5290, 0.4182
Android (android.graphics.Color)	4294937600 (0xFFFF8C00)
YUV	158.4250, -78.1035, 84.6963
Hunter-Lab	63.2583, 32.1301, 39.5420

Details

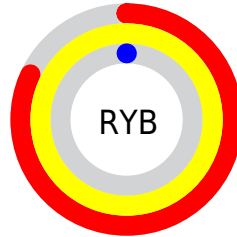
The HunterLab color **63.2583, 32.1301, 39.5420** is a dark color, and the websafe version is hex **FF9900**, and the color name is **darkorange**. The color can be described as dark saturated orange. A complement of this color would be **44.1381, 20.5485, -99.5264**, and the grayscale version is **58.9246, -3.1441, 3.2015**.

A 20% lighter version of the original color is **77.6863, 6.0512, 42.8955**, and **42.4921, 30.5556, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **63.2589, 32.1280, 39.5423**, and if you desaturate by 10%, it is **66.0523, 26.4713, 40.3129**.

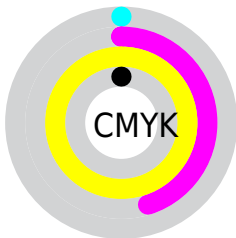
Distribution



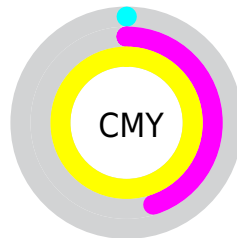
- Red (100%)
- Green (55%)
- Blue (0%)



- Red (82%)
- 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 63.2583, 32.1301, 39.5420 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 63.2583, 32.1301, 39.5420 by changing the saturation by 10% instead.


 63.2583, 32.1301,
39.5420


 63.2583, 32.1301,
39.5420


186.0647, 38.4515,
79.4737


 52.4908, 30.9885,
34.2346


 86.7129, 34.0901,
49.4982


 42.4132, 29.7353,
28.7295


 99.3316, 34.9341,
54.1873


 33.0786, 28.3567,
23.1550


 112.5092, 35.6956,
58.7126

 24.5516, 26.8480,
17.1861

 126.2229, 36.3806,
63.0934

 16.9175, 25.2227,
11.8422

 140.4525, 36.9943,
67.3462

 10.2962, 23.5698,
7.2073

 155.1799, 37.5414,

0.0000, INF, NaN

71.4858

0.0000, NaN, NaN

170.3889, 38.0259,
75.5247

0.0000, NaN, NaN

63.2583, 32.1301,
39.5420

63.2583, 32.1301,
39.5420

63.2589, 32.1280,
39.5423

66.0523, 26.4713,
40.3129

69.0621, 21.1300,
40.2359

72.2889, 16.2076,
39.1434

75.7230, 11.7467,
37.0214

79.3524, 7.7644,
33.8998

■ 83.1646, 4.2595,
29.8319

■ 87.1473, 1.2194,
24.8826

■ 91.2883, -1.3763,
19.1208

■ 95.5765, -3.5526,
12.6150

Harmonies

Analogous

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



63.2600, 69.7025, 31.3655



63.2583, 32.1301, 39.5420



63.2600, -8.4138, 41.0018

Triad

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



63.2600, 32.1257, 39.5427



63.2600, -61.2119, -1.6190



63.2600, 43.1169, -86.1077

Complementary

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



63.2583, 32.1301, 39.5420



44.1381, 20.5485, -99.5264

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.



63.2600, 1.8188, -113.3179



63.2583, 32.1301, 39.5420



63.2600, -53.4566, -49.3617

Square

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



63.2600, 32.1257, 39.5427



63.2600, -56.7558, 27.0442



63.2600, -32.4505, -96.9469



63.2600, 77.0320, -35.4557

Rectangle

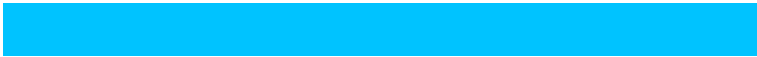
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.2583, 32.1301, 39.5420



63.2600, -30.5478, 39.7843



63.2600, -32.4505, -96.9469



63.2600, 29.3253, -99.3237

Sweetspot

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



63.2600, 32.1257, 39.5427



87.1461, 1.2205, 24.8849



47.5311, 84.1996, 8.9901



39.5317, 1.1321, 12.5259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2600, 32.1257, 39.5427



63.2592, 32.1281, 39.5425



95.5001, -28.9210, 58.3402



44.3175, -1.6883, 5.6800



46.0571, 22.4943, 28.7740



15.1121, 5.4360, 9.4072

Inverse Universe

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



44.1381, 20.5485, -99.5264



44.1368, 20.5515, -99.5321



26.9723, 72.9560, -190.0654



43.2744, -2.8131, -1.1281



32.3538, 13.8844, -70.4119



11.1077, 2.2810, -18.8076

Previews

White Background



This preview shows how the HunterLab color 63.2583, 32.1301, 39.5420 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 63.2583, 32.1301, 39.5420 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 63.2583, 32.1301, 39.5420 Background



This preview shows how black text looks on a background with the HunterLab color 63.2583, 32.1301, 39.5420.



This preview shows how white text looks on a background with the HunterLab color 63.2583, 32.1301,

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

63.2583, 32.1301, 39.5420

Protanopia

63.5503, -8.8703, 38.3422

Deuteranopia

63.1956, 4.5630, 39.0207



Tritanopia

63.2361, 43.2052, 15.7279

Trichromacy



Original Color

63.2583, 32.1301, 39.5420

Protanomaly

62.9426, 5.1808, 38.5170

Deuteranomaly

62.9329, 14.7362, 39.0369

Tritanomaly

62.9337, 37.0415, 30.3151

Monochromacy



Original Color

63.2583, 32.1301, 39.5420

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 63.2583, 32.1301, 39.5420 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2583, 32.1301, 39.5420 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, 0) }
```


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

```
.border{ border-color:rgb(255, 140, 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, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2583, 32.1301, 39.5420 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, 0) }
```

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

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