

Converting Colors

HunterLab(63.1899, 32.4394,
39.1627)

Have a look what the booklet for
HunterLab(63.1899, 32.4394,
39.1627) contains.

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Color

**HunterLab(63.2813, 32.2430,
39.2014)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C0D
RGB	255, 140, 13
RGB Percent	100%, 55%, 5%
CMY	0.0000, 0.4509, 0.9490
CMYK	0.00, 0.45, 0.95, 0.00
HSL	31°, 100%, 53%
HSV	31°, 95%, 100%
XYZ	50.6907, 40.0452, 5.4385
YIQ	159.9070, 109.3070, -15.1170

Conversions

Conversions Part 2

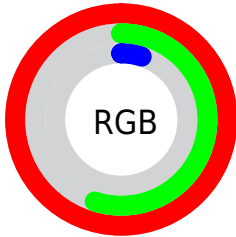
Format	Color
R _Y B	232, 255, 13
Decimal	16747533
CIE Lab	69.50, 36.93, 73.76
CIE LCh	70, 82.490, 63.403
Yxy	40.0474, 0.5271, 0.4164
Android (android.graphics.Color)	4294937613 (0xFFFF8C0D)
YUV	159.9070, -72.4252, 83.3966
Hunter-Lab	63.2813, 32.2430, 39.2014

Details

The HunterLab color **63.2813, 32.2430, 39.2014** 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 **47.6905, 13.6137, -87.9928**, and the grayscale version is **59.5091, -3.1753, 3.2332**.

A 20% lighter version of the original color is **78.0094, 5.7317, 42.5473**, and **42.4921, 30.5556, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **61.8564, 35.2893, 38.7334**, and if you desaturate by 10%, it is **66.2572, 26.4203, 39.6103**.

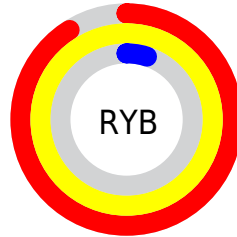
Distribution



Red (100%)

Green (55%)

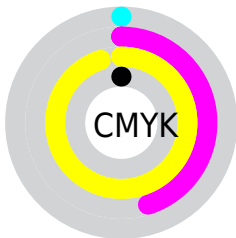
Blue (5%)



Red (91%)

Yellow (100%)

Blue (5%)

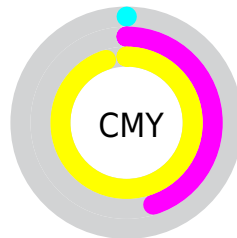


Cyan (0%)

Magenta (45%)

Yellow (95%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2813, 32.2430, 39.2014 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 63.2813, 32.2430, 39.2014 by changing the saturation by 10% instead.

63.2813, 32.2430,
39.2014

63.2813, 32.2430,
39.2014

186.0976, 38.5964,
78.3101

52.5124, 31.0975,
33.9992

86.7385, 34.2107,
48.9514

42.4334, 29.8403,
28.5712

99.3584, 35.0584,
53.5421

33.0972, 28.4579,
23.1680

112.5371, 35.8235,
57.9726

24.5684, 26.9454,
17.1979

126.2518, 36.5120,
62.2621

16.9323, 25.3169,
11.8526

140.4825, 37.1292,
66.4272

10.3088, 23.6622,
7.2161

155.2109, 37.6797,

0.0000, INF, NaN

70.4822

0.0000, NaN, NaN

170.4209, 38.1676,
74.4396

0.0000, NaN, NaN

63.2813, 32.2430,
39.2014

63.2813, 32.2430,
39.2014

61.8564, 35.2893,
38.7334

66.2572, 26.4203,
39.6103

69.4751, 20.9723,
39.0369

72.9257, 15.9624,
37.4406

76.5953, 11.4235,
34.8406

80.4690, 7.3646,
31.2877

84.5321, 3.7785,
26.8481

88.7703, 0.6475,
21.5941

93.1703, -2.0526,
15.5975

97.7198, -4.3492,
8.9271

Harmonies

Analogous

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



63.2830, 68.7500, 30.7636



63.2813, 32.2430, 39.2014



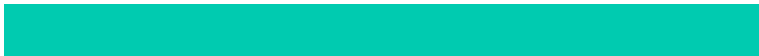
63.2830, -7.6033, 40.7841

Triad

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



63.2830, 32.2386, 39.2021



63.2830, -60.4639, -0.7634



63.2830, 41.4007, -84.7149

Complementary

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



63.2813, 32.2430, 39.2014



47.6905, 13.6137, -87.9928

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.



63.2830, 0.9570, -110.3733



63.2813, 32.2430, 39.2014



63.2830, -53.0190, -47.1356

Square

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



63.2830, 32.2386, 39.2021



63.2830, -55.8029, 27.0987



63.2830, -32.5300, -93.6782



63.2830, 74.8464, -35.5930

Rectangle

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



63.2813, 32.2430, 39.2014



63.2830, -29.5451, 39.5947



63.2830, -32.5300, -93.6782



63.2830, 27.8767, -97.3457

Sweetspot

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



63.2830, 32.2386, 39.2021



87.4383, 1.5712, 23.3064



48.1236, 84.2221, 5.1213



39.6076, 1.3542, 11.8280

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2830, 32.2386, 39.2021



61.8566, 35.2894, 38.7335



95.9434, -27.2423, 58.4075



44.2322, -1.5451, 5.5883



45.0492, 24.7453, 28.1923



14.8151, 6.0595, 9.2351

Inverse Universe

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



47.6905, 13.6137, -87.9928



45.7568, 17.0948, -94.0949



27.6180, 70.7574, -184.8440



43.3608, -2.9555, -1.0221



33.5175, 11.4413, -66.5925



11.4490, 1.6364, -17.8427

Previews

White Background



This preview shows how the HunterLab color 63.2813, 32.2430, 39.2014 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 63.2813, 32.2430, 39.2014 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 63.2813, 32.2430, 39.2014 Background



This preview shows how black text looks on a background with the HunterLab color 63.2813, 32.2430, 39.2014.



This preview shows how white text looks on a background with the HunterLab color 63.2813, 32.2430,

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

63.2813, 32.2430, 39.2014

Protanopia

63.5629, -8.8001, 38.1552

Deuteranopia

63.1956, 4.5630, 39.0207



Tritanopia

63.2361, 43.2052, 15.7279

Trichromacy



Original Color

63.2813, 32.2430, 39.2014

Protanomaly

62.9626, 5.2872, 38.2217

Deuteranomaly

62.9416, 14.7814, 38.9078

Tritanomaly

63.0036, 37.3794, 29.2886

Monochromacy



Original Color

63.2813, 32.2430, 39.2014

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.5366, 5.3957, 22.9284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2813, 32.2430, 39.2014 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2813, 32.2430, 39.2014 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, 13) }
```


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

```
.border{ border-color:rgb(255, 140, 13) }
```

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, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 13);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2813, 32.2430, 39.2014 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, 13) }
```

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

```
.background{ background-color: rgb(255,  
140, 13) }
```

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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