

Converting Colors

HunterLab(63.4110, 32.4314,
38.2483)

Have a look what the booklet for
HunterLab(63.4110, 32.4314,
38.2483) contains.

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Color

**HunterLab(63.3496, 32.5784,
38.1896)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C22
RGB	255, 140, 34
RGB Percent	100%, 55%, 13%
CMY	0.0000, 0.4509, 0.8666
CMYK	0.00, 0.45, 0.87, 0.00
HSL	29°, 100%, 57%
HSV	29°, 87%, 100%
XYZ	50.9069, 40.1317, 6.5766
YIQ	162.3010, 102.5660, -8.5860

Conversions

Conversions Part 2

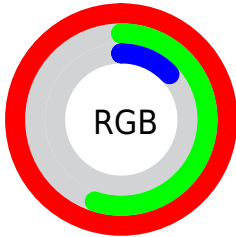
Format	Color
R _Y B	255, 238, 34
Decimal	16747554
CIE Lab	69.56, 37.24, 69.05
CIE LCh	70, 78.454, 61.661
Yxy	40.1339, 0.5215, 0.4111
Android (android.graphics.Color)	4294937634 (0xFFFF8C22)
YUV	162.3010, -63.2524, 81.2970
Hunter-Lab	63.3496, 32.5784, 38.1896

Details

The HunterLab color **63.3496, 32.5784, 38.1896** 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 **53.9018, 3.2201, -70.7940**, and the grayscale version is **60.4553, -3.2257, 3.2846**.

A 20% lighter version of the original color is **78.1316, 6.3852, 40.7454**, and **42.4921, 30.5556, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **60.3241, 38.9572, 37.6134**, and if you desaturate by 10%, it is **66.6738, 26.4951, 37.8071**.

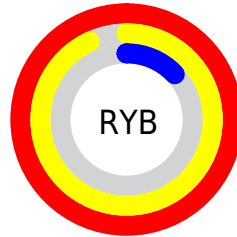
Distribution



Red (100%)

Green (55%)

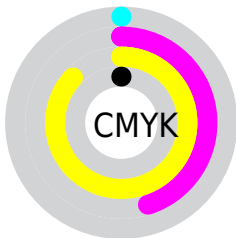
Blue (13%)



Red (100%)

Yellow (93%)

Blue (13%)

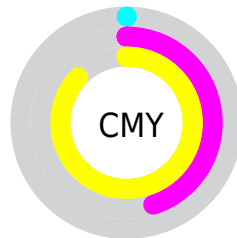


Cyan (0%)

Magenta (45%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3496, 32.5784, 38.1896 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 63.3496, 32.5784, 38.1896 by changing the saturation by 10% instead.

63.3496, 32.5784,
38.1896

63.3496, 32.5784,
38.1896

186.1955, 39.0267,
75.0580

52.5766, 31.4213,
33.2798

86.8144, 34.5688,
47.3734

42.4931, 30.1524,
28.1285

99.4377, 35.4275,
51.6957

33.1522, 28.7585,
23.2065

112.6198, 36.2034,
55.8683

24.6182, 27.2350,
17.2328

126.3378, 36.9024,
59.9101

16.9763, 25.5971,
11.8834

140.5716, 37.5299,
63.8371

10.3461, 23.9369,
7.2423

155.3030, 38.0905,

0.0000, INF, NaN

67.6633

0.0000, NaN, NaN

170.5159, 38.5882,
71.4002

0.0000, NaN, NaN

■ 63.3496, 32.5784,
38.1896

■ 63.3496, 32.5784,
38.1896

■ 60.3241, 38.9572,
37.6134

■ 66.6738, 26.4951,
37.8071

■ 59.3768, 41.1042,
37.3073

■ 70.2758, 20.8194,
36.4163

■ 74.1377, 15.5998,
34.0433

■ 78.2393, 10.8565,
30.7481

■ 82.5607, 6.5881,
26.6064

87.0831, 2.7785,
21.6979

91.7895, -0.5966,
16.1003

96.6643, -3.5664,
9.8854

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



63.3513, 66.2072, 29.0259



63.3496, 32.5784, 38.1896



63.3513, -5.3591, 40.1424

Triad

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



63.3513, 32.5741, 38.1903



63.3513, -58.4001, 1.5282



63.3513, 36.7879, -81.0212

Complementary

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



63.3496, 32.5784, 38.1896



53.9018, 3.2201, -70.7940

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.



63.3513, -1.3837, -102.5854



63.3496, 32.5784, 38.1896



63.3513, -51.8330, -41.2488

Square

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



63.3513, 32.5741, 38.1903



63.3513, -53.1561, 27.2603



63.3513, -32.7659, -85.0538



63.3513, 68.9944, -36.0012

Rectangle

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



63.3496, 32.5784, 38.1896



63.3513, -26.7651, 39.0553



63.3513, -32.7659, -85.0538



63.3513, 23.9734, -92.1016

Sweetspot

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



63.3513, 32.5741, 38.1903



87.3906, 2.5411, 21.3466



49.6658, 83.6882, -3.3260



39.6941, 1.7581, 10.7079

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3513, 32.5741, 38.1903



59.3770, 41.1044, 37.3074



93.9599, -21.9808, 56.5576



44.0735, -1.2780, 5.4173



43.2636, 28.8923, 27.1646



14.2819, 7.2172, 8.9268

Inverse Universe

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



53.9018, 3.2201, -70.7940



48.8970, 10.7844, -84.3975



30.2851, 62.0260, -165.4678



43.5220, -3.2205, -0.8248



35.7688, 6.9817, -59.7794



12.1020, 0.4584, -16.1159

Previews

White Background



This preview shows how the HunterLab color 63.3496, 32.5784, 38.1896 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 63.3496, 32.5784, 38.1896 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 63.3496, 32.5784, 38.1896 Background



This preview shows how black text looks on a background with the HunterLab color 63.3496, 32.5784, 38.1896.



This preview shows how white text looks on a background with the HunterLab color 63.3496, 32.5784,

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

63.3496, 32.5784, 38.1896

Protanopia

63.5369, -8.7403, 36.9540

Deuteranopia

63.2328, 4.7620, 38.4694



Tritanopia

63.2361, 43.2052, 15.7279

Trichromacy



Original Color

63.3496, 32.5784, 38.1896

Protanomaly

62.9160, 5.2784, 37.0521

Deuteranomaly

62.9852, 15.0080, 38.2605

Tritanomaly

63.1249, 37.9652, 27.5095

Monochromacy



Original Color

63.3496, 32.5784, 38.1896

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.0706, 6.0554, 21.1123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3496, 32.5784, 38.1896 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, 34)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 34)  
}
```

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, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3496, 32.5784, 38.1896 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, 34) }
```


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

```
.border{ border-color:rgb(255, 140, 34) }
```

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, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 34);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3496, 32.5784, 38.1896 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, 34) }
```

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

```
.background{ background-color: rgb(255,  
140, 34) }
```

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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