

Converting Colors

HunterLab(63.3419, 32.7673,
37.8141)

Have a look what the booklet for
HunterLab(63.3419, 32.7673,
37.8141) contains.

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Color

**HunterLab(63.3740, 32.6985,
37.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C27
RGB	255, 140, 39
RGB Percent	100%, 55%, 15%
CMY	0.0000, 0.4509, 0.8470
CMYK	0.00, 0.45, 0.85, 0.00
HSL	28°, 100%, 58%
HSV	28°, 85%, 100%
XYZ	50.9843, 40.1626, 6.9845
YIQ	162.8710, 100.9610, -7.0310

Conversions

Conversions Part 2

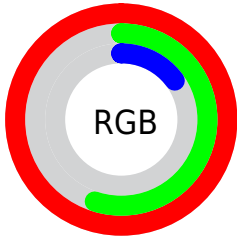
Format	Color
R _Y B	255, 229, 39
Decimal	16747559
CIE Lab	69.59, 37.35, 67.50
CIE LCh	70, 77.145, 61.041
Yxy	40.1648, 0.5195, 0.4093
Android (android.graphics.Color)	4294937639 (0xFFFF8C27)
YUV	162.8710, -61.0684, 80.7971
Hunter-Lab	63.3740, 32.6985, 37.8274

Details

The HunterLab color **63.3740, 32.6985, 37.8274** 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 **55.4628, 0.9128, -66.9436**, and the grayscale version is **60.6808, -3.2378, 3.2969**.

A 20% lighter version of the original color is **78.1654, 6.5657, 40.2477**, and **42.4921, 30.5556, 26.7184** is the 20% darker color. If you saturate the color by 10%, you get **60.2683, 39.1585, 37.4310**, and if you desaturate by 10%, it is **66.7905, 26.5422, 37.2478**.

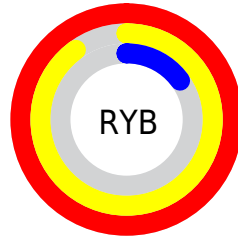
Distribution



Red (100%)

Green (55%)

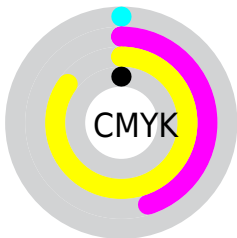
Blue (15%)



Red (100%)

Yellow (90%)

Blue (15%)

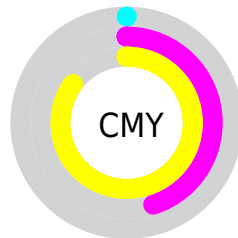


Cyan (0%)

Magenta (45%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.3740, 32.6985, 37.8274 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 63.3740, 32.6985, 37.8274 by changing the saturation by 10% instead.


 63.3740, 32.6985,
37.8274

 63.3740, 32.6985,
37.8274


186.2304, 39.1807,
73.9568


 52.5995, 31.5373,
33.0159


 86.8415, 34.6970,
46.8231

 42.5145, 30.2643,
27.9627


 99.4661, 35.5596,
51.0566


 33.1719, 28.8661,
23.1261


 112.6494, 36.3394,
55.1442

 24.6360, 27.3388,
17.2452

 126.3685, 37.0422,
59.1044

 16.9920, 25.6975,
11.8944

 140.6034, 37.6733,
62.9533

 10.3594, 24.0355,
7.2516

 155.3359, 38.2375,

0.0000, INF, NaN

66.7042

0.0000, NaN, NaN

170.5499, 38.7387,
70.3688

0.0000, NaN, NaN

■ 63.3740, 32.6985,
37.8274

■ 63.3740, 32.6985,
37.8274

■ 60.2683, 39.1585,
37.4310

■ 66.7905, 26.5422,
37.2478

■ 58.7463, 42.6324,
36.9456

■ 70.4939, 20.7983,
35.6658

■ 74.4643, 15.5124,
33.1202

■ 78.6797, 10.7026,
29.6790

■ 83.1190, 6.3652,
25.4219

87.7627, 2.4823,
20.4306

92.5926, -0.9718,
14.7828

97.5928, -4.0273,
8.5495

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.



63.3757, 65.3839, 28.4195



63.3740, 32.6985, 37.8274



63.3757, -4.6057, 39.9145

Triad

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



63.3757, 32.6942, 37.8281



63.3757, -57.7100, 2.2730



63.3757, 35.2835, -79.8330

Complementary

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



63.3740, 32.6985, 37.8274



55.4628, 0.9128, -66.9436

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.



63.3757, -2.1550, -100.0861



63.3740, 32.6985, 37.8274



63.3757, -51.4433, -39.3597

Square

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



63.3757, 32.6942, 37.8281



63.3757, -52.2650, 27.3179



63.3757, -32.8502, -82.2928



63.3757, 67.0932, -36.1475

Rectangle

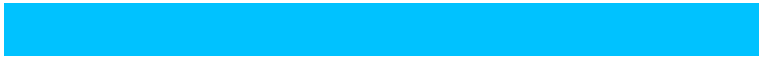
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3740, 32.6985, 37.8274



63.3757, -25.8306, 38.8697



63.3757, -32.8502, -82.2928



63.3757, 22.6974, -90.4148

Sweetspot

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



63.3757, 32.6942, 37.8281



87.6228, 2.5910, 20.5882



50.0510, 82.9362, -4.0265



39.7742, 1.8087, 10.3696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3757, 32.6942, 37.8281



58.7465, 42.6326, 36.9457



94.0307, -21.9681, 56.3462



44.0312, -1.2067, 5.3716



42.8086, 29.9839, 26.9033



14.1443, 7.5244, 8.8474

Inverse Universe

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



55.4628, 0.9128, -66.9436



49.7594, 9.1314, -81.9070



31.0183, 60.0731, -160.6717



43.5650, -3.2911, -0.7723



36.3862, 5.8134, -58.0291



12.2797, 0.1492, -15.6706

Previews

White Background



This preview shows how the HunterLab color 63.3740, 32.6985, 37.8274 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 63.3740, 32.6985, 37.8274 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 63.3740, 32.6985, 37.8274 Background



This preview shows how black text looks on a background with the HunterLab color 63.3740, 32.6985, 37.8274.



This preview shows how white text looks on a background with the HunterLab color 63.3740, 32.6985,

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

63.3740, 32.6985, 37.8274

Protanopia

63.5668, -8.5738, 36.5111

Deuteranopia

63.5349, 4.4028, 38.2594



Tritanopia

63.4533, 42.6855, 15.9348

Trichromacy



Original Color

63.3740, 32.6985, 37.8274

Protanomaly

62.9441, 5.4285, 36.6364

Deuteranomaly

63.2717, 14.6359, 38.0292

Tritanomaly

63.1571, 38.1205, 27.0382

Monochromacy



Original Color

63.3740, 32.6985, 37.8274

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

60.4040, 5.8667, 20.4999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3740, 32.6985, 37.8274 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, 39)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 39)  
}
```

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, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3740, 32.6985, 37.8274 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, 39) }
```


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

```
.border{ border-color:rgb(255, 140, 39) }
```

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, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 39);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3740, 32.6985, 37.8274 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, 39) }
```

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

```
.background{ background-color: rgb(255,  
140, 39) }
```

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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