

Converting Colors

HunterLab(63.4760, 33.1987,
36.3187)

Have a look what the booklet for
HunterLab(63.4760, 33.1987,
36.3187) contains.

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Color

**HunterLab(63.4760, 33.1987,
36.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C37
RGB	255, 140, 55
RGB Percent	100%, 55%, 22%
CMY	0.0000, 0.4509, 0.7843
CMYK	0.00, 0.45, 0.78, 0.00
HSL	26°, 100%, 61%
HSV	26°, 78%, 100%
XYZ	51.3077, 40.2920, 8.6874
YIQ	164.6950, 95.8250, -2.0550

Conversions

Conversions Part 2

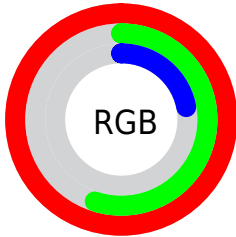
Format	Color
R_{YB}	255, 203, 55
Decimal	16747575
CIE _{Lab}	69.68, 37.81, 61.62
CIE _{LCh}	70, 72.296, 58.463
Yxy	40.2942, 0.5116, 0.4018
Android (android.graphics.Color)	4294937655 (0xFFFF8C37)
YUV	164.6950, -54.0796, 79.1975
Hunter-Lab	63.4760, 33.1987, 36.3187

Details

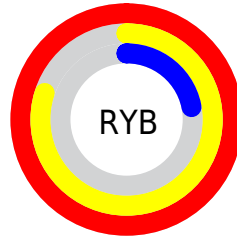
The HunterLab color **63.4760, 33.1987, 36.3187** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **60.6462, -6.0608, -55.2276**, and the grayscale version is **61.4038, -3.2764, 3.3362**.

A 20% lighter version of the original color is **78.3409, 7.5016, 37.6673**, and **42.6449, 30.9686, 26.8198** is the 20% darker color. If you saturate the color by 10%, you get **60.0884, 39.9464, 36.5461**, and if you desaturate by 10%, it is **67.2156, 26.7669, 35.1057**.

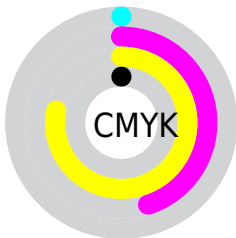
Distribution



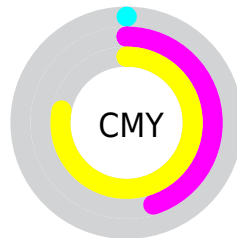
- Red (100%)
- Green (55%)
- Blue (22%)



- Red (100%)
- Yellow (80%)
- Blue (22%)



- Cyan (0%)
- Magenta (45%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4760, 33.1987, 36.3187 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 63.4760, 33.1987, 36.3187 by changing the saturation by 10% instead.

63.4760, 33.1987,
36.3187

63.4760, 33.1987,
36.3187

186.3765, 39.8215,
69.6501

52.6953, 32.0204,
31.8863

86.9547, 35.2308,
44.5961

42.6038, 30.7301,
27.2173

99.5846, 36.1097,
48.4932

33.2541, 29.3150,
22.4311

112.7729, 36.9054,
52.2591

24.7105, 27.7715,
17.2973

126.4969, 37.6238,
55.9114

17.0578, 26.1164,
11.9405

140.7364, 38.2702,
59.4651

10.4152, 24.4467,
7.2907

155.4734, 38.8493,

0.0000, INF, NaN

62.9326

0.0000, NaN, NaN

170.6917, 39.3652,
66.3246

0.0000, NaN, NaN

■ 63.4760, 33.1987,
36.3187

■ 63.4760, 33.1987,
36.3187

■ 60.0884, 39.9464,
36.5461

■ 67.2156, 26.7669,
35.1057

■ 57.0691, 46.8591,
35.8666

■ 71.2740, 20.7548,
32.9384

■ 56.6268, 47.9313,
35.7323

■ 75.6242, 15.2026,
29.8902

■ 80.2386, 10.1218,
26.0486

■ 85.0916, 5.5026,
21.5026

90.1602, 1.3221,
16.3359

95.4240, -2.4496,
10.6237

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.



63.4777, 62.3312, 25.9620



63.4760, 33.1987, 36.3187



63.4777, -1.6854, 38.9739

Triad

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



63.4777, 33.1944, 36.3194



63.4777, -55.0505, 5.0477



63.4777, 29.6536, -75.4601

Complementary

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



63.4760, 33.1987, 36.3187



60.6462, -6.0608, -55.2276

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.



63.4777, -5.0777, -90.9134



63.4760, 33.1987, 36.3187



63.4777, -49.9733, -32.4285

Square

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



63.4777, 33.1944, 36.3194



63.4777, -48.8034, 27.5568



63.4777, -33.2005, -72.1898



63.4777, 60.0115, -36.7577

Rectangle

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



63.4760, 33.1987, 36.3187



63.4777, -22.2049, 38.1317



63.4777, -33.2005, -72.1898



63.4777, 17.9078, -84.2067

Sweetspot

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



63.4777, 33.1944, 36.3194



87.3120, 3.5981, 19.2857



51.9214, 81.1026, -10.9642



39.5669, 2.3702, 9.7517

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4777, 33.1944, 36.3194



58.3609, 43.7941, 36.2578



91.0378, -16.9658, 53.4458



43.8819, -0.9544, 5.2101



41.2753, 33.7762, 26.0249



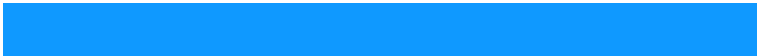
13.6744, 8.6028, 8.5767

Inverse Universe

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



60.6462, -6.0608, -55.2276



54.9052, 0.3513, -68.3248



35.5308, 47.9514, -135.1369



43.7175, -3.5407, -0.5866



38.6218, 1.7539, -52.0600



12.9191, -0.9277, -14.1451

Previews

White Background



This preview shows how the HunterLab color 63.4760, 33.1987, 36.3187 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 63.4760, 33.1987, 36.3187 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 63.4760, 33.1987, 36.3187 Background



This preview shows how black text looks on a background with the HunterLab color 63.4760, 33.1987, 36.3187.



This preview shows how white text looks on a background with the HunterLab color 63.4760, 33.1987,

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

63.4760, 33.1987, 36.3187

Protanopia

63.6876, -7.9031, 34.7277

Deuteranopia

63.5154, 4.5358, 36.7069



Tritanopia

63.4771, 42.7985, 15.5910

Trichromacy



Original Color

63.4760, 33.1987, 36.3187

Protanomaly

63.0587, 6.0397, 34.9427

Deuteranomaly

63.2452, 14.7587, 36.4008

Tritanomaly

63.2582, 38.6075, 25.5598

Monochromacy



Original Color

63.4760, 33.1987, 36.3187

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.0437, 6.8604, 18.8903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4760, 33.1987, 36.3187 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4760, 33.1987, 36.3187 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, 55) }
```


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

```
.border{ border-color:rgb(255, 140, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4760, 33.1987, 36.3187 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, 55) }
```

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

```
.background{ background-color: rgb(255,  
140, 55) }
```

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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