

Converting Colors

HunterLab(63.4845, 41.3936,
35.7828)

Have a look what the booklet for
HunterLab(63.4845, 41.3936,
35.7828) contains.

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Color

**HunterLab(61.9451, 37.0290,
34.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	FF853D
RGB	255, 133, 61
RGB Percent	100%, 52%, 24%
CMY	0.0000, 0.4784, 0.7608
CMYK	0.00, 0.48, 0.76, 0.00
HSL	22°, 100%, 62%
HSV	22°, 76%, 100%
XYZ	50.4698, 38.3720, 9.1613
YIQ	161.2700, 95.8240, 3.4720

Conversions

Conversions Part 2

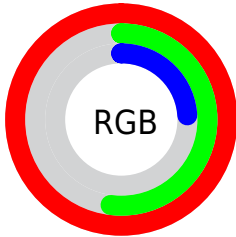
Format	Color
R _Y B	255, 175, 61
Decimal	16745789
CIE Lab	68.30, 41.55, 57.70
CIE LCh	68, 71.099, 54.242
Yxy	38.3740, 0.5150, 0.3915
Android (android.graphics.Color)	4294935869 (0xFFFF853D)
YUV	161.2700, -49.4331, 82.2012
Hunter-Lab	61.9451, 37.0290, 34.5929

Details

The HunterLab color **61.9451, 37.0290, 34.5929** 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 **64.8662, -11.9559, -46.7131**, and the grayscale version is **59.9796, -3.2004, 3.2588**.

A 20% lighter version of the original color is **76.4321, 11.5150, 35.1798**, and **41.3470, 34.2396, 25.9949** is the 20% darker color. If you saturate the color by 10%, you get **58.3956, 44.2520, 35.1034**, and if you desaturate by 10%, it is **65.9154, 30.0522, 33.1280**.

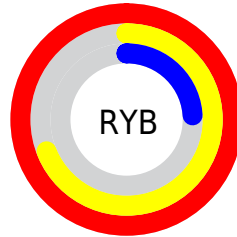
Distribution



Red (100%)

Green (52%)

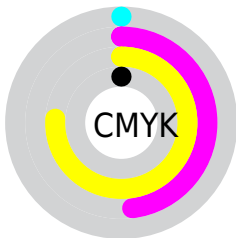
Blue (24%)



Red (100%)

Yellow (69%)

Blue (24%)

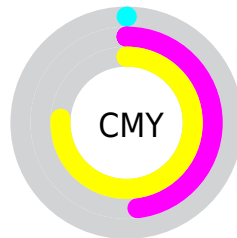


Cyan (0%)

Magenta (48%)

Yellow (76%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.9451, 37.0290, 34.5929 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 61.9451, 37.0290, 34.5929 by changing the saturation by 10% instead.


 61.9451, 37.0290,
34.5929


 61.9451, 37.0290,
34.5929


184.1797, 44.9255,
66.2027


 51.2573, 35.6910,
30.3872


 85.2532, 39.3702,
42.4371


 41.2651, 34.2397,
25.9480


 97.8039, 40.3979,
46.1292


 32.0227, 32.6657,
21.3375


 110.9163, 41.3384,
49.6977

 23.5967, 30.9746,
16.5177

 124.5675, 42.1979,
53.1600

 16.0756, 29.2069,
11.2529

 138.7368, 42.9817,
56.5305

 9.5851, 27.5385,
6.7096

153.4060, 43.6948,

0.0000, INF, NaN

59.8213

0.0000, NaN, NaN

168.5587, 44.3415,
63.0426

0.0000, NaN, NaN

■ 61.9451, 37.0290,
34.5929

■ 61.9451, 37.0290,
34.5929

■ 58.3956, 44.2520,
35.1034

■ 65.9154, 30.0522,
33.1280

■ 55.2965, 51.5346,
34.6677

■ 70.2625, 23.4573,
30.7703

■ 54.2042, 54.3209,
34.3514

■ 74.9495, 17.3029,
27.6147

■ 79.9401, 11.6101,
23.7619

■ 85.2017, 6.3722,
19.3070

90.7054, 1.5663,
14.3345

96.4261, -2.8392,
8.9169

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



61.9468, 63.5823, 22.9534



61.9451, 37.0290, 34.5929



61.9468, 3.0037, 37.9553

Triad

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



61.9468, 37.0246, 34.5937



61.9468, -53.5184, 8.9761



61.9468, 24.1131, -77.5637

Complementary

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



61.9451, 37.0290, 34.5929



64.8662, -11.9559, -46.7131

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.



61.9468, -9.3780, -88.0560



61.9451, 37.0290, 34.5929



61.9468, -50.1245, -25.8900

Square

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



61.9468, 37.0246, 34.5937



61.9468, -45.8457, 28.7984



61.9468, -35.3966, -65.6636



61.9468, 55.1287, -41.6635

Rectangle

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



61.9451, 37.0290, 34.5929



61.9468, -17.7680, 37.5483



61.9468, -35.3966, -65.6636



61.9468, 12.6121, -84.7517

Sweetspot

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



61.9468, 37.0246, 34.5937



86.8712, 4.8485, 17.8283



52.9648, 81.0312, -16.6259



39.2851, 3.0726, 9.0490

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.9468, 37.0246, 34.5937



56.8120, 47.8460, 35.0017



88.1527, -12.2448, 51.1353



43.6936, -0.6349, 5.0057



39.5140, 38.3696, 25.0201



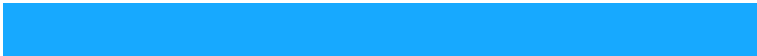
13.1189, 9.9400, 8.2578

Inverse Universe

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



64.8662, -11.9559, -46.7131



59.7739, -7.3539, -57.1383



38.7391, 39.8987, -120.2260



43.9108, -3.8559, -0.3521



41.5561, -3.2246, -44.9804



13.7508, -2.2547, -12.3199

Previews

White Background



This preview shows how the HunterLab color 61.9451, 37.0290, 34.5929 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 61.9451, 37.0290, 34.5929 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 61.9451, 37.0290, 34.5929 Background



This preview shows how black text looks on a background with the HunterLab color 61.9451, 37.0290, 34.5929.



This preview shows how white text looks on a background with the HunterLab color 61.9451, 37.0290,

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

61.9451, 37.0290, 34.5929

Protanopia

62.0737, -7.3909, 32.4262

Deuteranopia

62.1358, 4.2621, 35.1485



Tritanopia

62.0290, 45.1268, 16.7479

Trichromacy



Original Color

61.9451, 37.0290, 34.5929

Protanomaly

61.3977, 7.6774, 32.8395

Deuteranomaly

61.8603, 15.7768, 34.8083

Tritanomaly

61.9107, 41.5326, 25.0206

Monochromacy



Original Color

61.9451, 37.0290, 34.5929

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

59.3431, 8.2672, 17.3270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.9451, 37.0290, 34.5929 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, 133, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 61)  
}
```

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, 133, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 61.9451, 37.0290, 34.5929 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, 133, 61) }
```


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

```
.border{ border-color:rgb(255, 133, 61) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 133, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.9451, 37.0290, 34.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 61) }
```

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

```
.background{ background-color: rgb(255,  
133, 61) }
```

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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