

Converting Colors

HunterLab(61.6085, 37.7487,
34.5076)

Have a look what the booklet for
HunterLab(61.6085, 37.7487,
34.5076) contains.

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Color

**HunterLab(61.7161, 37.4982,
34.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	FF843C
RGB	255, 132, 60
RGB Percent	100%, 52%, 24%
CMY	0.0000, 0.4823, 0.7647
CMYK	0.00, 0.48, 0.76, 0.00
HSL	22°, 100%, 62%
HSV	22°, 76%, 100%
XYZ	50.3069, 38.0888, 8.9754
YIQ	160.5690, 96.4200, 3.6840

Conversions

Conversions Part 2

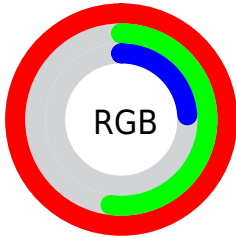
Format	Color
R _Y B	255, 174, 60
Decimal	16745532
CIE Lab	68.09, 42.01, 57.93
CIE LCh	68, 71.561, 54.055
Yxy	38.0908, 0.5166, 0.3912
Android (android.graphics.Color)	4294935612 (0xFFFF843C)
YUV	160.5690, -49.5805, 82.8160
Hunter-Lab	61.7161, 37.4982, 34.5787

Details

The HunterLab color **61.7161, 37.4982, 34.5787** 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 **64.8421, -12.0435, -46.7617**, and the grayscale version is **59.6930, -3.1851, 3.2432**.

A 20% lighter version of the original color is **76.1384, 11.9592, 35.1884**, and **41.1628, 34.6712, 25.9713** is the 20% darker color. If you saturate the color by 10%, you get **58.1821, 44.7447, 35.0537**, and if you desaturate by 10%, it is **65.6752, 30.4872, 33.1489**.

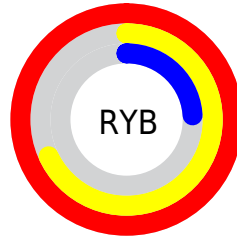
Distribution



Red (100%)

Green (52%)

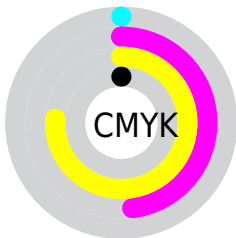
Blue (24%)



Red (100%)

Yellow (68%)

Blue (24%)

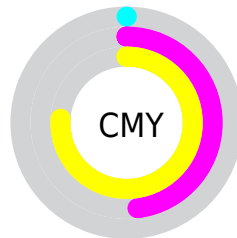


Cyan (0%)

Magenta (48%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7161, 37.4982, 34.5787 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 61.7161, 37.4982, 34.5787 by changing the saturation by 10% instead.

61.7161, 37.4982,
34.5787

61.7161, 37.4982,
34.5787

183.8503, 45.5531,
66.3221

51.0423, 36.1405,
30.3527

84.9984, 39.8777,
42.4594

41.0651, 34.6694,
25.8921

97.5372, 40.9239,
46.1680

31.8389, 33.0762,
21.2804

110.6382, 41.8825,
49.7519

23.4308, 31.3678,
16.4015

124.2784, 42.7595,
53.2286

15.9296, 29.5887,
11.1507

138.4371, 43.5605,
56.6129

9.4624, 27.9278,
6.6237

153.0961, 44.2903,

0.0000, INF, NaN

59.9166

0.0000, NaN, NaN

168.2388, 44.9532,
63.1502

0.0000, NaN, NaN

■ 61.7161, 37.4982,
34.5787

■ 61.7161, 37.4982,
34.5787

■ 58.1821, 44.7447,
35.0537

■ 65.6752, 30.4872,
33.1489

■ 55.1030, 52.0340,
34.5870

■ 70.0152, 23.8521,
30.8249

■ 54.1241, 54.5389,
34.3058

■ 74.6987, 17.6548,
27.7014

■ 79.6889, 11.9183,
23.8795

■ 84.9528, 6.6372,
19.4550

■ 90.4610, 1.7892,
14.5129

■ 96.1882, -2.6569,
9.1260

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.



61.7178, 64.1639, 22.8941



61.7161, 37.4982, 34.5787



61.7178, 3.2601, 37.9466

Triad

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



61.7178, 37.4938, 34.5795



61.7178, -53.6633, 9.1635



61.7178, 24.0732, -78.4486

Complementary

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



61.7161, 37.4982, 34.5787



64.8421, -12.0435, -46.7617

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.



61.7178, -9.5901, -88.8471



61.7161, 37.4982, 34.5787



61.7178, -50.3346, -25.8522

Square

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



61.7178, 37.4938, 34.5795



61.7178, -45.9095, 28.9271



61.7178, -35.6474, -66.0348



61.7178, 55.3685, -42.2783

Rectangle

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



61.7161, 37.4982, 34.5787



61.7178, -17.6476, 37.5621



61.7178, -35.6474, -66.0348



61.7178, 12.4991, -85.6526

Sweetspot

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



61.7178, 37.4938, 34.5795



86.8379, 4.9076, 17.7950



52.8503, 81.2996, -16.5759



39.2675, 3.1042, 9.0319

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.7178, 37.4938, 34.5795



56.4212, 48.7884, 34.9054



88.1048, -12.2125, 51.1989



43.6870, -0.6236, 4.9985



39.4555, 38.5269, 24.9868



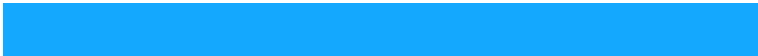
13.1001, 9.9865, 8.2470

Inverse Universe

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



64.8421, -12.0435, -46.7617



59.5946, -7.1915, -57.5282



38.5183, 40.2976, -121.1854



43.9177, -3.8670, -0.3438



41.6618, -3.3976, -44.7392



13.7806, -2.3010, -12.2574

Previews

White Background



This preview shows how the HunterLab color 61.7161, 37.4982, 34.5787 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 61.7161, 37.4982, 34.5787 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 61.7161, 37.4982, 34.5787 Background



This preview shows how black text looks on a background with the HunterLab color 61.7161, 37.4982, 34.5787.



This preview shows how white text looks on a background with the HunterLab color 61.7161, 37.4982, 34.5787.

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

61.7161, 37.4982, 34.5787

Protanopia

61.9628, -7.8049, 32.5002

Deuteranopia

61.7346, 4.3222, 34.9960



Tritanopia

61.7965, 45.5326, 16.8838

Trichromacy



Original Color

61.7161, 37.4982, 34.5787

Protanomaly

60.9969, 7.7276, 32.7112

Deuteranomaly

61.4640, 15.8300, 34.6644

Tritanomaly

61.6792, 41.9624, 25.1033

Monochromacy



Original Color

61.7161, 37.4982, 34.5787

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

59.0509, 8.6568, 17.3924

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7161, 37.4982, 34.5787 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, 132, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 60)  
}
```

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, 132, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7161, 37.4982, 34.5787 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, 132, 60) }
```


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

```
.border{ border-color:rgb(255, 132, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7161, 37.4982, 34.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 60) }
```

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

```
.background{ background-color: rgb(255,  
132, 60) }
```

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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