

Converting Colors

HunterLab(60.1194, 42.4709,
30.9552)

Have a look what the booklet for
HunterLab(60.1194, 42.4709,
30.9552) contains.

HunterLab(60.1757, 42.3771, 30.9040)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(60.1757, 42.3771,
30.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C4D
RGB	255, 124, 77
RGB Percent	100%, 49%, 30%
CMY	0.0000, 0.5137, 0.6980
CMYK	0.00, 0.51, 0.70, 0.00
HSL	16°, 100%, 65%
HSV	16°, 70%, 100%
XYZ	49.7872, 36.2111, 11.3866
YIQ	157.8110, 93.1630, 13.1550

Conversions

Conversions Part 2

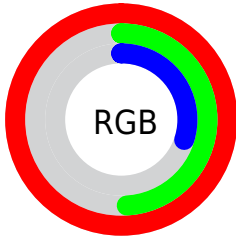
Format	Color
RYB	255, 141, 77
Decimal	16743501
CIELab	66.68, 46.67, 48.33
CIElCh	67, 67.181, 46.002
Yxy	36.2131, 0.5112, 0.3718
Android (android.graphics.Color)	4294933581 (0xFFFF7C4D)
YUV	157.8110, -39.8398, 85.2348
Hunter-Lab	60.1757, 42.3771, 30.9040

Details

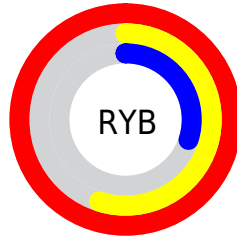
The HunterLab color **60.1757, 42.3771, 30.9040** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **73.4207, -22.3289, -31.5483**, and the grayscale version is **58.5285, -3.1229, 3.1800**.

A 20% lighter version of the original color is **74.2016, 17.5062, 29.7111**, and **39.7513, 39.1628, 23.4464** is the 20% darker color. If you saturate the color by 10%, you get **56.2637, 50.4103, 32.1900**, and if you desaturate by 10%, it is **64.6578, 34.4119, 28.7975**.

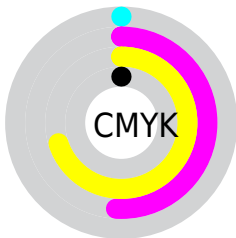
Distribution



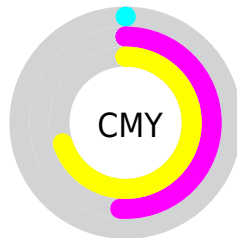
- Red (100%)
- Green (49%)
- Blue (30%)



- Red (100%)
- Yellow (55%)
- Blue (30%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (0%)




- Cyan (0%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 60.1757, 42.3771, 30.9040 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 60.1757, 42.3771, 30.9040 by changing the saturation by 10% instead.


 60.1757, 42.3771,
30.9040


 60.1757, 42.3771,
30.9040


181.6290, 51.9687,
58.2179

 49.5972, 40.8329,
27.2939


 83.2832, 45.1240,
37.6376


 39.7221, 39.1773,
23.4729


 95.7409, 46.3489,
40.8132


 30.6064, 37.4087,
19.3999


 108.7644, 47.4822,
43.8889

 22.3196, 35.5507,
15.6237

 122.3301, 48.5300,
46.8800

 14.9549, 33.6916,
10.4685

 136.4171, 49.4978,
49.7990

 8.6011, 32.4964,
6.0208

151.0069, 50.3906,

0.0000, INF, NaN

52.6561

0.0000, NaN, NaN

166.0826, 51.2129,
55.4601

0.0000, NaN, NaN

■ 60.1757, 42.3771,
30.9040

■ 60.1757, 42.3771,
30.9040

■ 56.2637, 50.4103,
32.1900

■ 64.6578, 34.4119,
28.7975

■ 52.9778, 58.2090,
32.5699

■ 69.6400, 26.7320,
25.9924

■ 50.3591, 65.3228,
32.1576

■ 75.0616, 19.4438,
22.6164

■ 50.3139, 65.4510,
32.1490

■ 80.8668, 12.5914,
18.7810

■ 87.0069, 6.1765,
14.5777

 93.4408, 0.1765,
10.0783

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.



60.1773, 62.9495, 16.5344



60.1757, 42.3771, 30.9040



60.1773, 11.3984, 35.9135

Triad

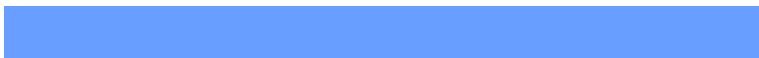
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.1773, 42.3727, 30.9048



60.1773, -49.6142, 15.1042



60.1773, 13.5434, -77.0473

Complementary

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



60.1757, 42.3771, 30.9040



73.4207, -22.3289, -31.5483

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.



60.1773, -16.5531, -78.0998



60.1757, 42.3771, 30.9040



60.1773, -49.2646, -13.9170

Square

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



60.1773, 42.3727, 30.9048



60.1773, -39.3702, 30.3010



60.1773, -38.2978, -51.1417



60.1773, 44.2061, -48.7281

Rectangle

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



60.1757, 42.3771, 30.9040



60.1773, -9.1328, 36.2971



60.1773, -38.2978, -51.1417



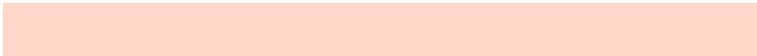
60.1773, 2.9425, -80.9464

Sweetspot

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



60.1773, 42.3727, 30.9048



86.2561, 6.9218, 15.0977



55.8981, 79.6913, -29.1802



39.1119, 4.0085, 7.5321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.1773, 42.3727, 30.9048



54.8052, 53.7348, 32.4617



82.5446, -2.2718, 45.7805



43.3209, 0.0015, 4.5987



36.6518, 46.4662, 23.3981



12.1550, 12.4468, 7.7078

Inverse Universe

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



73.4207, -22.3289, -31.5483



69.4792, -20.7519, -38.2839



47.5339, 21.9958, -88.3304



44.2966, -4.4811, 0.1129



47.6936, -12.6583, -32.2873



15.4710, -4.7902, -8.9967

Previews

White Background



This preview shows how the HunterLab color 60.1757, 42.3771, 30.9040 looks on a white background.

Color Contrast Check

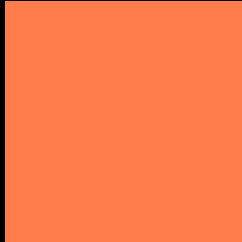
Large Text (above 18pt) WCAG AA × Fail

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 60.1757, 42.3771, 30.9040 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 60.1757, 42.3771, 30.9040 Background



This preview shows how black text looks on a background with the HunterLab color 60.1757, 42.3771, 30.9040.



This preview shows how white text looks on a background with the HunterLab color 60.1757, 42.3771,

30.9040.

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

60.1757, 42.3771, 30.9040

Protanopia

60.4287, -6.6971, 27.6281

Deuteranopia

60.3667, 4.3084, 31.5821



Tritanopia

60.2092, 48.3599, 17.8369

Trichromacy



Original Color

60.1757, 42.3771, 30.9040

Protanomaly

59.5115, 10.1906, 28.2868

Deuteranomaly

59.8329, 17.5923, 30.9306

Tritanomaly

60.0324, 46.1039, 23.5097

Monochromacy



Original Color

60.1757, 42.3771, 30.9040

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

57.8621, 10.5193, 14.5571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1757, 42.3771, 30.9040 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, 124, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 77)  
}
```

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, 124, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1757, 42.3771, 30.9040 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, 124, 77) }
```


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

```
.border{ border-color:rgb(255, 124, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 124, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1757, 42.3771, 30.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 77) }
```

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

```
.background{ background-color: rgb(255,  
124, 77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor