

Converting Colors

HunterLab(61.2028, 40.4863,
30.3855)

Have a look what the booklet for
HunterLab(61.2028, 40.4863,
30.3855) contains.

HunterLab(61.1052, 40.7597, 30.2279)	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(61.1052, 40.7597,
30.2279)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8054
RGB	255, 128, 84
RGB Percent	100%, 50%, 33%
CMY	0.0000, 0.4980, 0.6706
CMYK	0.00, 0.50, 0.67, 0.00
HSL	15°, 100%, 66%
HSV	15°, 67%, 100%
XYZ	50.5594, 37.3385, 12.9298
YIQ	160.9570, 89.8160, 13.2400

Conversions

Conversions Part 2

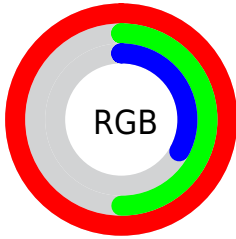
Format	Color
R _Y B	255, 143, 84
Decimal	16744532
CIE Lab	67.53, 45.08, 45.71
CIE LCh	68, 64.202, 45.401
Yxy	37.3405, 0.5014, 0.3703
Android (android.graphics.Color)	4294934612 (0xFFFF8054)
YUV	160.9570, -37.9398, 82.4757
Hunter-Lab	61.1052, 40.7597, 30.2279

Details

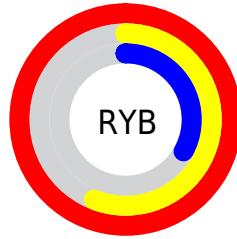
The HunterLab color **61.1052, 40.7597, 30.2279** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **74.6257, -22.9607, -29.5833**, and the grayscale version is **59.8077, -3.1912, 3.2495**.

A 20% lighter version of the original color is **75.4163, 16.0607, 28.7321**, and **40.4549, 37.6267, 23.1407** is the 20% darker color. If you saturate the color by 10%, you get **57.0288, 48.8509, 31.7645**, and if you desaturate by 10%, it is **65.7460, 32.7825, 27.9109**.

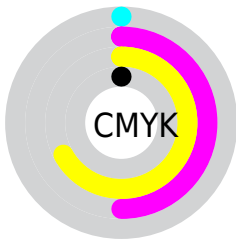
Distribution



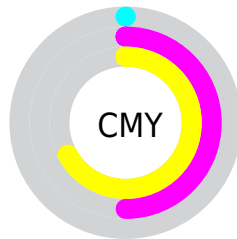
- Red (100%)
- Green (50%)
- Blue (33%)



- Red (100%)
- Yellow (56%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (67%)
- Black (0%)




- Cyan (0%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.1052, 40.7597, 30.2279 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 61.1052, 40.7597, 30.2279 by changing the saturation by 10% instead.


 61.1052, 40.7597,
30.2279


 61.1052, 40.7597,
30.2279


182.9705, 49.8037,
56.2512


 50.4690, 39.2822,
26.8105


 84.3185, 43.3752,
36.6143

 40.5321, 37.6923,
23.1964


 96.8253, 44.5363,
39.6327


 31.3494, 35.9854,
19.3427


 109.8957, 45.6072,
42.5601

 22.9891, 34.1775,
15.7760

 123.5064, 46.5942,
45.4110

 15.5416, 32.3367,
10.8791

 137.6368, 47.5026,
48.1968

 9.1313, 30.7641,
6.3919

152.2685, 48.3375,

0.0000, INF, NaN

50.9271

0.0000, NaN, NaN

167.3847, 49.1032,
53.6097

0.0000, NaN, NaN

■ 61.1052, 40.7597,
30.2279

■ 61.1052, 40.7597,
30.2279

■ 57.0288, 48.8509,
31.7645

■ 65.7460, 32.7825,
27.9109

■ 53.5766, 56.7719,
32.4151

■ 70.8796, 25.1180,
24.9412

■ 50.8013, 64.1068,
32.1744

■ 76.4451, 17.8576,
21.4446

■ 50.1124, 66.0605,
32.0355

■ 82.3869, 11.0350,
17.5279

■ 88.6573, 4.6452,
13.2767

95.2158, -1.3381,
8.7570

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.



61.1068, 59.9221, 15.7434



61.1052, 40.7597, 30.2279



61.1068, 11.3529, 35.5225

Triad

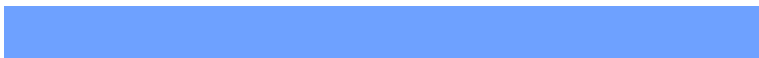
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.1068, 40.7554, 30.2288



61.1068, -48.2039, 15.1858



61.1068, 12.1727, -72.5269

Complementary

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



61.1052, 40.7597, 30.2279



74.6257, -22.9607, -29.5833

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.



61.1068, -16.6239, -72.9177



61.1052, 40.7597, 30.2279



61.1068, -48.0664, -12.4082

Square

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



61.1068, 40.7554, 30.2288



61.1068, -37.9509, 29.9842



61.1068, -37.5321, -47.4232



61.1068, 41.4507, -46.5209

Rectangle

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



61.1052, 40.7597, 30.2279



61.1068, -8.3964, 35.9872



61.1068, -37.5321, -47.4232



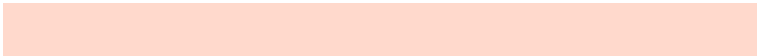
61.1068, 2.0440, -75.9541

Sweetspot

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



61.1068, 40.7554, 30.2288



86.7812, 6.4814, 14.5579



56.8919, 77.1619, -28.6779



39.3307, 3.8258, 7.2908

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.1068, 40.7554, 30.2288



55.9457, 51.2159, 32.0509



83.1337, -2.8145, 45.1952



43.2976, 0.0416, 4.5731



36.5017, 46.9153, 23.3135



12.1010, 12.5950, 7.6771

Inverse Universe

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



74.6257, -22.9607, -29.5833



70.9930, -22.0217, -35.6518



49.2132, 20.0177, -83.3033



44.3210, -4.5203, 0.1421



48.0916, -13.2333, -31.5435



15.5819, -4.9456, -8.7998

Previews

White Background



This preview shows how the HunterLab color 61.1052, 40.7597, 30.2279 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 61.1052, 40.7597, 30.2279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

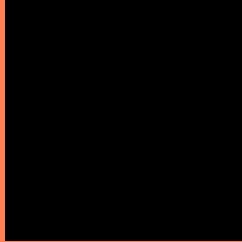
Any Text WCAG AA ✓ Pass

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 61.1052, 40.7597, 30.2279 Background



This preview shows how black text looks on a background with the HunterLab color 61.1052, 40.7597, 30.2279.



This preview shows how white text looks on a background with the HunterLab color 61.1052, 40.7597,

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

61.1052, 40.7597, 30.2279

Protanopia

61.3165, -6.3784, 26.7358

Deuteranopia

61.2384, 4.5702, 30.8364



Tritanopia

61.1075, 46.7474, 17.2920

Trichromacy



Original Color

61.1052, 40.7597, 30.2279

Protanomaly

60.5302, 9.5893, 27.5486

Deuteranomaly

60.6835, 17.8119, 30.2896

Tritanomaly

60.9631, 44.5987, 22.5715

Monochromacy



Original Color

61.1052, 40.7597, 30.2279

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

58.9834, 10.2242, 14.2187

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.1052, 40.7597, 30.2279 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, 128, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 84)  
}
```

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, 128, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 61.1052, 40.7597, 30.2279 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, 128, 84) }
```


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

```
.border{ border-color:rgb(255, 128, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.1052, 40.7597, 30.2279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 84) }
```

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

```
.background{ background-color: rgb(255,  
128, 84) }
```

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