

Converting Colors

HunterLab(61.2381, 38.3199,
34.9061)

Have a look what the booklet for
HunterLab(61.2381, 38.3199,
34.9061) contains.

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Color

**HunterLab(61.2381, 38.3199,
34.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8237
RGB	255, 130, 55
RGB Percent	100%, 51%, 22%
CMY	0.0000, 0.4902, 0.7843
CMYK	0.00, 0.49, 0.78, 0.00
HSL	23°, 100%, 61%
HSV	23°, 78%, 100%
XYZ	49.9122, 37.5010, 8.2221
YIQ	158.8250, 98.5750, 3.1750

Conversions

Conversions Part 2

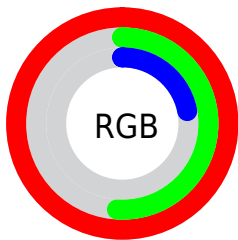
Format	Color
R _Y B	255, 175, 55
Decimal	16745015
CIE Lab	67.65, 42.82, 59.69
CIE LCh	68, 73.462, 54.345
Yxy	37.5031, 0.5219, 0.3921
Android (android.graphics.Color)	4294935095 (0xFFFF8237)
YUV	158.8250, -51.1857, 84.3455
Hunter-Lab	61.2381, 38.3199, 34.9061

Details

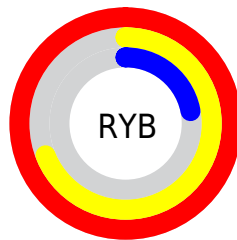
The HunterLab color **61.2381, 38.3199, 34.9061** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **63.7745, -10.9971, -48.8494**, and the grayscale version is **58.9856, -3.1473, 3.2048**.

A 20% lighter version of the original color is **75.5112, 12.6264, 35.8289**, and **40.6511, 35.1682, 25.6647** is the 20% darker color. If you saturate the color by 10%, you get **57.7943, 45.5443, 35.1838**, and if you desaturate by 10%, it is **65.1054, 31.3119, 33.6655**.

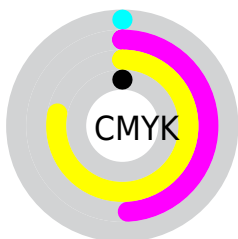
Distribution



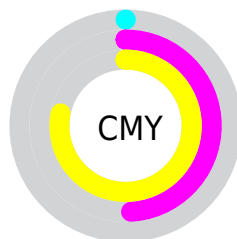
- Red (100%)
- Green (51%)
- Blue (22%)



- Red (100%)
- Yellow (69%)
- Blue (22%)



- Cyan (0%)
- Magenta (49%)
- Yellow (78%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.2381, 38.3199, 34.9061 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 61.2381, 38.3199, 34.9061 by changing the saturation by 10% instead.


 61.2381, 38.3199,
34.9061


 61.2381, 38.3199,
34.9061


183.1621, 46.6592,
67.5295


 50.5937, 36.9267,
30.5546


 84.4665, 40.7683,
43.0190

 40.6480, 35.4202,
25.9639


 96.9802, 41.8478,
46.8343


 31.4558, 33.7927,
21.3303


 110.0573, 42.8387,
50.5195

 23.0850, 32.0539,
16.1595

 123.6744, 43.7473,
54.0925

 15.6259, 30.2564,
10.9381

 137.8110, 44.5790,
57.5684

 9.2044, 28.6357,
6.4431

 152.4487, 45.3387,

0.0000, INF, NaN

60.9597

0.0000, NaN, NaN

167.5707, 46.0308,
64.2771

0.0000, NaN, NaN

■ 61.2381, 38.3199,
34.9061

■ 61.2381, 38.3199,
34.9061

■ 57.7943, 45.5443,
35.1838

■ 65.1054, 31.3119,
33.6655

■ 54.7990, 52.7741,
34.5664

■ 69.3536, 24.6683,
31.5098

■ 54.3681, 53.8765,
34.4446

■ 73.9462, 18.4577,
28.5284

■ 78.8470, 12.7078,
24.8208

■ 84.0230, 7.4165,
20.4835

■ 89.4450, 2.5637,
15.6038

■ 95.0876, -1.8808,
10.2568

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.



61.2398, 65.9902, 23.3737



61.2381, 38.3199, 34.9061



61.2398, 3.1126, 38.1268

Triad

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



61.2398, 38.3155, 34.9069



61.2398, -54.5194, 8.9919



61.2398, 25.1682, -81.1956

Complementary

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



61.2381, 38.3199, 34.9061



63.7745, -10.9971, -48.8494

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.



61.2398, -9.4032, -92.4012



61.2381, 38.3199, 34.9061



61.2398, -51.0531, -27.1647

Square

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



61.2398, 38.3155, 34.9069



61.2398, -46.8002, 29.1263



61.2398, -36.0653, -68.8698



61.2398, 57.3428, -43.3683

Rectangle

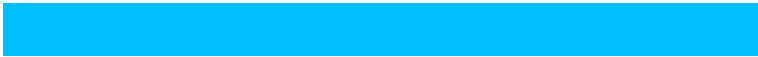
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2381, 38.3199, 34.9061



61.2398, -18.2243, 37.7296



61.2398, -36.0653, -68.8698



61.2398, 13.2711, -88.8236

Sweetspot

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



61.2398, 38.3155, 34.9069



86.3968, 5.2140, 18.3838



52.3030, 82.5743, -16.2891



39.0863, 3.2286, 9.2902

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.2398, 38.3155, 34.9069



56.0701, 49.5925, 34.9285



87.8668, -12.0418, 51.4932



43.7071, -0.6579, 5.0204



39.6335, 38.0492, 25.0881



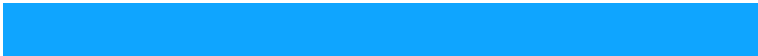
13.1572, 9.8453, 8.2798

Inverse Universe

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



63.7745, -10.9971, -48.8494



58.5422, -5.7141, -59.8429



37.4391, 42.3175, -126.0125



43.8969, -3.8333, -0.3689



41.3418, -2.8729, -45.4719



13.6903, -2.1607, -12.4473

Previews

White Background



This preview shows how the HunterLab color 61.2381, 38.3199, 34.9061 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 61.2381, 38.3199, 34.9061 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 61.2381, 38.3199, 34.9061 Background



This preview shows how black text looks on a background with the HunterLab color 61.2381, 38.3199, 34.9061.



This preview shows how white text looks on a background with the HunterLab color 61.2381, 38.3199, 34.9061.

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

61.2381, 38.3199, 34.9061

Protanopia

61.2228, -7.4956, 32.7508

Deuteranopia

61.2998, 4.2003, 35.3461



Tritanopia

61.3133, 46.2381, 17.4810

Trichromacy



Original Color

61.2381, 38.3199, 34.9061

Protanomaly

60.4111, 8.4785, 33.0405

Deuteranomaly

60.7754, 16.2017, 34.8984

Tritanomaly

61.1868, 42.6623, 25.7592

Monochromacy



Original Color

61.2381, 38.3199, 34.9061

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

58.3349, 8.9559, 17.7172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.2381, 38.3199, 34.9061 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, 130, 55)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 61.2381, 38.3199, 34.9061 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, 130, 55) }
```


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

```
.border{ border-color:rgb(255, 130, 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, 130, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 55);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.2381, 38.3199, 34.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 55) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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