

Converting Colors

HunterLab(62.2250, 40.7631,
36.5996)

Have a look what the booklet for
HunterLab(62.2250, 40.7631,
36.5996) contains.

HunterLab(61.1739, 38.0117, 35.8554)	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(61.1739, 38.0117,
35.8554)**

Conversions

Conversions Part 1

Format	Color
Hex	FF822E
RGB	255, 130, 46
RGB Percent	100%, 51%, 18%
CMY	0.0000, 0.4902, 0.8196
CMYK	0.00, 0.49, 0.82, 0.00
HSL	24°, 100%, 59%
HSV	24°, 82%, 100%
XYZ	49.7157, 37.4225, 7.1877
YIQ	157.7990, 101.4640, 0.3760

Conversions

Conversions Part 2

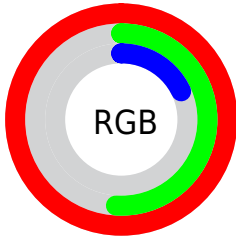
Format	Color
R _Y B	255, 186, 46
Decimal	16745006
CIE Lab	67.59, 42.54, 63.30
CIE LCh	68, 76.264, 56.094
Yxy	37.4245, 0.5271, 0.3967
Android (android.graphics.Color)	4294935086 (0xFFFF822E)
YUV	157.7990, -55.1169, 85.2453
Hunter-Lab	61.1739, 38.0117, 35.8554

Details

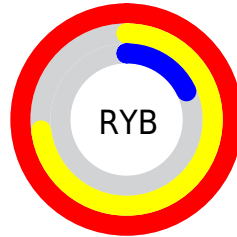
The HunterLab color **61.1739, 38.0117, 35.8554** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **60.7653, -7.2317, -54.9933**, and the grayscale version is **58.5814, -3.1258, 3.1828**.

A 20% lighter version of the original color is **75.4048, 12.0662, 37.3936**, and **40.6511, 35.1682, 25.6647** is the 20% darker color. If you saturate the color by 10%, you get **57.8951, 45.0524, 35.7614**, and if you desaturate by 10%, it is **64.8468, 31.1917, 34.9763**.

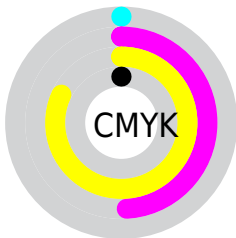
Distribution



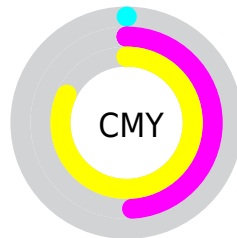
- Red (100%)
- Green (51%)
- Blue (18%)



- Red (100%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.1739, 38.0117, 35.8554 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 61.1739, 38.0117, 35.8554 by changing the saturation by 10% instead.

61.1739, 38.0117,
35.8554

61.1739, 38.0117,
35.8554

183.0696, 46.2690,
70.2061

50.5335, 36.6282,
31.2670

84.3950, 40.4408,
44.4145

40.5920, 35.1312,
26.4349

96.9054, 41.5109,
48.4379

31.4044, 33.5129,
21.7822

109.9792, 42.4925,
52.3217

23.0387, 31.7823,
16.1271

123.5933, 43.3919,
56.0845

15.5852, 29.9908,
10.9096

137.7269, 44.2146,
59.7421

9.1692, 28.3778,
6.4184

152.3616, 44.9656,

0.0000, INF, NaN

63.3076

0.0000, NaN, NaN

167.4809, 45.6491,
66.7925

0.0000, NaN, NaN

■ 61.1739, 38.0117,
35.8554

■ 61.1739, 38.0117,
35.8554

■ 57.8951, 45.0524,
35.7614

■ 64.8468, 31.1917,
34.9763

■ 55.5521, 50.7193,
35.1189

■ 68.8776, 24.7378,
33.1396

■ 73.2350, 18.7184,
30.4160

■ 77.8869, 13.1635,
26.8959

■ 82.8034, 8.0738,
22.6732

87.9579, 3.4316,
17.8365

93.3266, -0.7909,
12.4648

98.8885, -4.6265,
6.6267

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.



61.1756, 67.8820, 24.9848



61.1739, 38.0117, 35.8554



61.1756, 1.2872, 38.6677

Triad

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



61.1756, 38.0073, 35.8561



61.1756, -56.1109, 7.4487



61.1756, 28.5019, -83.9658

Complementary

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



61.1739, 38.0117, 35.8554



60.7653, -7.2317, -54.9933

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.



61.1756, -7.6926, -98.0460



61.1739, 38.0117, 35.8554



61.1756, -51.9162, -31.1602

Square

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



61.1756, 38.0073, 35.8561



61.1756, -48.9184, 28.9947



61.1756, -35.8609, -74.8967



61.1756, 61.6001, -42.9804

Rectangle

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



61.1739, 38.0117, 35.8554



61.1756, -20.4856, 38.1311



61.1756, -35.8609, -74.8967



61.1756, 16.0945, -92.7188

Sweetspot

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



61.1756, 38.0073, 35.8561



86.3675, 4.7971, 19.3671



51.1562, 83.5663, -11.9011



39.1188, 2.9724, 9.7487

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.1756, 38.0073, 35.8561



56.1124, 49.3286, 35.2850



89.6434, -15.1327, 53.2632



43.8012, -0.8175, 5.1225



40.4953, 35.7771, 25.5794



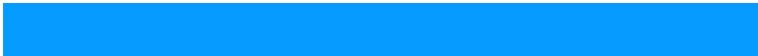
13.4308, 9.1803, 8.4367

Inverse Universe

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



60.7653, -7.2317, -54.9933



55.2695, -0.6048, -67.4435



34.3563, 49.9082, -141.2232



43.8003, -3.6758, -0.4860



39.8655, -0.4006, -48.9636



13.2726, -1.5011, -13.3492

Previews

White Background



This preview shows how the HunterLab color 61.1739, 38.0117, 35.8554 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 61.1739, 38.0117, 35.8554 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 61.1739, 38.0117, 35.8554 Background



This preview shows how black text looks on a background with the HunterLab color 61.1739, 38.0117, 35.8554.



This preview shows how white text looks on a background with the HunterLab color 61.1739, 38.0117,

35.8554.

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

61.1739, 38.0117, 35.8554

Protanopia

61.2376, -7.6159, 34.1015

Deuteranopia

61.3557, 4.2642, 36.3452



Tritanopia

61.1075, 46.7474, 17.2920

Trichromacy



Original Color

61.1739, 38.0117, 35.8554

Protanomaly

60.3374, 8.0888, 34.1288

Deuteranomaly

60.8453, 16.2986, 35.9075

Tritanomaly

60.9272, 42.9392, 26.3137

Monochromacy



Original Color

61.1739, 38.0117, 35.8554

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.1392, 8.1492, 18.8050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.1739, 38.0117, 35.8554 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 61.1739, 38.0117, 35.8554 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, 46) }
```


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

```
.border{ border-color:rgb(255, 130, 46) }
```

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, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.1739, 38.0117, 35.8554 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, 46) }
```

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

```
.background{ background-color: rgb(255,  
130, 46) }
```

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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