

Converting Colors

HunterLab(61.8233, 36.3876,
36.5080)

Have a look what the booklet for
HunterLab(61.8233, 36.3876,
36.5080) contains.

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Color

**HunterLab(61.8138, 36.3946,
36.5343)**

Conversions

Conversions Part 1

Format	Color
Hex	FF852B
RGB	255, 133, 43
RGB Percent	100%, 52%, 17%
CMY	0.0000, 0.4784, 0.8314
CMYK	0.00, 0.48, 0.83, 0.00
HSL	25°, 100%, 58%
HSV	25°, 83%, 100%
XYZ	50.0636, 38.2095, 7.0221
YIQ	159.2180, 101.6020, -2.1260

Conversions

Conversions Part 2

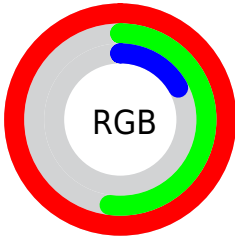
Format	Color
R _Y B	255, 199, 43
Decimal	16745771
CIE Lab	68.18, 40.97, 64.92
CIE LCh	68, 76.772, 57.745
Yxy	38.2115, 0.5253, 0.4010
Android (android.graphics.Color)	4294935851 (0xFFFF852B)
YUV	159.2180, -57.2955, 84.0008
Hunter-Lab	61.8138, 36.3946, 36.5343

Details

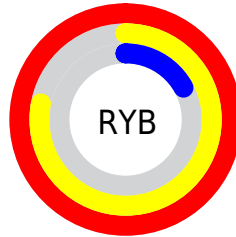
The HunterLab color **61.8138, 36.3946, 36.5343** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **58.8574, -4.4347, -59.1123**, and the grayscale version is **59.1695, -3.1571, 3.2148**.

A 20% lighter version of the original color is **76.2165, 10.3760, 38.3482**, and **41.1840, 33.8052, 25.9692** is the 20% darker color. If you saturate the color by 10%, you get **58.5983, 43.2504, 36.3075**, and if you desaturate by 10%, it is **65.3938, 29.7899, 35.7851**.

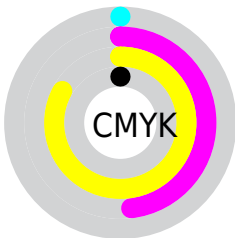
Distribution



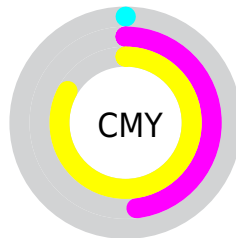
- Red (100%)
- Green (52%)
- Blue (17%)



- Red (100%)
- Yellow (78%)
- Blue (17%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8138, 36.3946, 36.5343 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 61.8138, 36.3946, 36.5343 by changing the saturation by 10% instead.

61.8138, 36.3946,
36.5343

61.8138, 36.3946,
36.5343

183.9909, 44.1196,
71.5983

51.1340, 35.0771,
31.8542

85.1071, 38.6952,
45.2710

41.1504, 33.6460,
26.9307

97.6510, 39.7032,
49.3792

31.9173, 32.0917,
22.2257

110.7569, 40.6243,
53.3448

23.5015, 30.4184,
16.4511

124.4017, 41.4647,
57.1866

15.9919, 28.6646,
11.1943

138.5650, 42.2298,
60.9204

9.5147, 26.9998,
6.6603

153.2284, 42.9246,

0.0000, INF, NaN

64.5596

0.0000, NaN, NaN

168.3753, 43.5533,
68.1157

0.0000, NaN, NaN

■ 61.8138, 36.3946,
36.5343

■ 61.8138, 36.3946,
36.5343

■ 58.5983, 43.2504,
36.3075

■ 65.3938, 29.7899,
35.7851

■ 56.6041, 47.9891,
35.7193

■ 69.3066, 23.5684,
34.0592

■ 73.5253, 17.7904,
31.4155

■ 78.0213, 12.4816,
27.9370

■ 82.7680, 7.6410,
23.7133

87.7411, 3.2512,
18.8312

92.9189, -0.7152,
13.3700

98.2823, -4.2901,
7.4001

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.



61.8155, 67.3388, 26.1825



61.8138, 36.3946, 36.5343



61.8155, -0.6605, 39.0898

Triad

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



61.8155, 36.3902, 36.5350



61.8155, -56.7493, 5.8049



61.8155, 30.8436, -83.0167

Complementary

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



61.8138, 36.3946, 36.5343



58.8574, -4.4347, -59.1123

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.



61.8155, -5.8991, -99.2556



61.8138, 36.3946, 36.5343



61.8155, -51.8754, -33.9735

Square

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



61.8155, 36.3902, 36.5350



61.8155, -50.1275, 28.5188



61.8155, -34.9694, -77.7219



61.8155, 63.6726, -40.8720

Rectangle

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



61.8138, 36.3946, 36.5343



61.8155, -22.3115, 38.3958



61.8155, -34.9694, -77.7219



61.8155, 18.3253, -92.4416

Sweetspot

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



61.8155, 36.3902, 36.5350



86.7982, 4.0365, 19.7876



50.7598, 83.6507, -9.7727



39.3435, 2.5711, 9.9624

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8155, 36.3902, 36.5350



56.6044, 47.9894, 35.7195



90.6617, -16.7893, 54.0765



43.8803, -0.9516, 5.2083



41.2589, 33.8177, 26.0156



13.6693, 8.6147, 8.5738

Inverse Universe

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



58.8574, -4.4347, -59.1123



52.9206, 3.3263, -73.3268



33.2204, 53.0758, -147.4499



43.7192, -3.5434, -0.5845



38.6471, 1.7094, -51.9955



12.9263, -0.9396, -14.1286

Previews

White Background



This preview shows how the HunterLab color 61.8138, 36.3946, 36.5343 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 61.8138, 36.3946, 36.5343 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 61.8138, 36.3946, 36.5343 Background



This preview shows how black text looks on a background with the HunterLab color 61.8138, 36.3946, 36.5343.



This preview shows how white text looks on a background with the HunterLab color 61.8138, 36.3946,

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

61.8138, 36.3946, 36.5343

Protanopia

62.0082, -7.9571, 34.9635

Deuteranopia

61.8500, 4.4685, 36.9473



Tritanopia

61.7965, 45.5326, 16.8838

Trichromacy



Original Color

61.8138, 36.3946, 36.5343

Protanomaly

61.3690, 7.2834, 35.1355

Deuteranomaly

61.4695, 15.5960, 36.6165

Tritanomaly

61.5791, 41.4870, 26.5679

Monochromacy



Original Color

61.8138, 36.3946, 36.5343

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

58.7932, 7.5196, 19.3879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8138, 36.3946, 36.5343 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, 133, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 43)  
}
```

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, 133, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8138, 36.3946, 36.5343 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, 133, 43) }
```


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

```
.border{ border-color:rgb(255, 133, 43) }
```

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

Here you see how a box with a 4 pixel rgb(255, 133, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8138, 36.3946, 36.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 43) }
```

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

```
.background{ background-color: rgb(255,  
133, 43) }
```

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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