

Converting Colors

HunterLab(61.4261, 37.6669,
35.4868)

Have a look what the booklet for
HunterLab(61.4261, 37.6669,
35.4868) contains.

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Color

**HunterLab(61.4261, 37.6669,
35.4868)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8333
RGB	255, 131, 51
RGB Percent	100%, 51%, 20%
CMY	0.0000, 0.4862, 0.8000
CMYK	0.00, 0.49, 0.80, 0.00
HSL	24°, 100%, 60%
HSV	24°, 80%, 100%
XYZ	49.9539, 37.7317, 7.7821
YIQ	158.9560, 99.5840, 1.4080

Conversions

Conversions Part 2

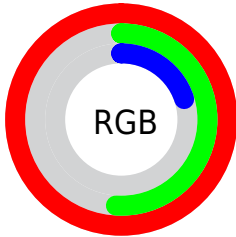
Format	Color
R_{YB}	255, 183, 51
Decimal	16745267
CIE _{Lab}	67.82, 42.20, 61.52
CIE _{LCh}	68, 74.602, 55.555
Yxy	37.7337, 0.5232, 0.3952
Android (android.graphics.Color)	4294935347 (0xFFFF8333)
YUV	158.9560, -53.2223, 84.2306
Hunter-Lab	61.4261, 37.6669, 35.4868

Details

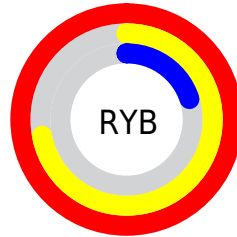
The HunterLab color **61.4261, 37.6669, 35.4868** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **62.1140, -8.8537, -52.1865**, and the grayscale version is **59.0470, -3.1506, 3.2081**.

A 20% lighter version of the original color is **75.7345, 11.8191, 36.8284**, and **40.8269, 34.7161, 25.7651** is the 20% darker color. If you saturate the color by 10%, you get **58.0604, 44.7645, 35.5917**, and if you desaturate by 10%, it is **65.1945, 30.8000, 34.4098**.

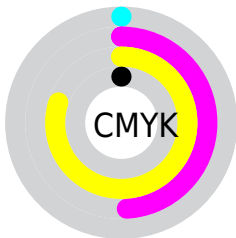
Distribution



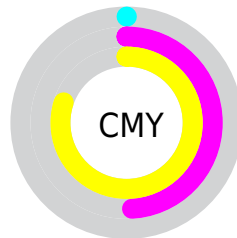
- Red (100%)
- Green (51%)
- Blue (20%)



- Red (100%)
- Yellow (72%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4261, 37.6669, 35.4868 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 61.4261, 37.6669, 35.4868 by changing the saturation by 10% instead.

61.4261, 37.6669,
35.4868

61.4261, 37.6669,
35.4868

183.4329, 45.7995,
68.9658

50.7701, 36.2991,
31.0191

84.6757, 40.0657,
43.8192

40.8120, 34.8178,
26.3100

97.1993, 41.1211,
47.7374

31.6064, 33.2146,
21.6404

110.2858, 42.0885,
51.5208

23.2209, 31.4974,
16.2546

123.9120, 42.9741,
55.1879

15.7452, 29.7137,
11.0216

138.0574, 43.7834,
58.7541

9.3067, 28.0677,
6.5147

152.7034, 44.5213,

0.0000, INF, NaN

62.2321

0.0000, NaN, NaN

167.8336, 45.1920,
65.6329

0.0000, NaN, NaN

■ 61.4261, 37.6669,
35.4868

■ 61.4261, 37.6669,
35.4868

■ 58.0604, 44.7645,
35.5917

■ 65.1945, 30.8000,
34.4098

■ 55.1145, 51.8756,
34.8694

■ 69.3269, 24.3053,
32.3933

■ 55.1142, 51.8765,
34.8693

■ 73.7900, 18.2479,
29.5170

■ 78.5505, 12.6544,
25.8757

■ 83.5777, 7.5231,
21.5643

■ 88.8440, 2.8344,
16.6703

■ 94.3252, -1.4408,
11.2709

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.



61.4278, 66.4813, 24.3737



61.4261, 37.6669, 35.4868



61.4278, 1.8024, 38.4652

Triad

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



61.4278, 37.6625, 35.4875



61.4278, -55.3022, 7.9149



61.4278, 27.1212, -81.8635

Complementary

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



61.4261, 37.6669, 35.4868



62.1140, -8.8537, -52.1865

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.



61.4278, -8.2041, -94.7954



61.4261, 37.6669, 35.4868



61.4278, -51.3457, -29.4842

Square

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



61.4278, 37.6625, 35.4875



61.4278, -47.9675, 28.9236



61.4278, -35.6959, -71.9164



61.4278, 59.5356, -42.5183

Rectangle

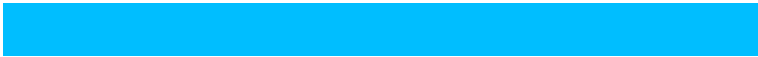
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4261, 37.6669, 35.4868



61.4278, -19.6518, 37.9612



61.4278, -35.6959, -71.9164



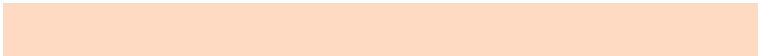
61.4278, 15.0071, -90.1129

Sweetspot

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



61.4278, 37.6625, 35.4875



86.7100, 4.6591, 18.6933



51.7631, 83.0061, -14.1748



39.2507, 2.9338, 9.4485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.4278, 37.6625, 35.4875



56.2435, 49.0600, 35.2071



88.7483, -13.5744, 52.3560



43.7671, -0.7597, 5.0855



40.1769, 36.6091, 25.3977



13.3303, 9.4225, 8.3790

Inverse Universe

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



62.1140, -8.8537, -52.1865



56.6386, -2.7605, -64.1844



35.9573, 45.8806, -133.0379



43.8353, -3.7329, -0.4435



40.3976, -1.3018, -47.6832



13.4233, -1.7413, -13.0190

Previews

White Background



This preview shows how the HunterLab color 61.4261, 37.6669, 35.4868 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 61.4261, 37.6669, 35.4868 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 61.4261, 37.6669, 35.4868 Background



This preview shows how black text looks on a background with the HunterLab color 61.4261, 37.6669, 35.4868.



This preview shows how white text looks on a background with the HunterLab color 61.4261, 37.6669,

35.4868.

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

61.4261, 37.6669, 35.4868

Protanopia

61.5735, -7.8567, 33.6873

Deuteranopia

61.3872, 4.4332, 35.8780



Tritanopia

61.3357, 46.3429, 17.1559

Trichromacy



Original Color

61.4261, 37.6669, 35.4868

Protanomaly

60.6461, 7.7990, 33.7220

Deuteranomaly

61.1366, 15.9735, 35.5441

Tritanomaly

61.1703, 42.5843, 26.0008

Monochromacy



Original Color

61.4261, 37.6669, 35.4868

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

58.5835, 8.3437, 18.2614

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4261, 37.6669, 35.4868 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, 131, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 51)  
}
```

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, 131, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4261, 37.6669, 35.4868 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, 131, 51) }
```


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

```
.border{ border-color:rgb(255, 131, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.4261, 37.6669, 35.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 51) }
```

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

```
.background{ background-color: rgb(255,  
131, 51) }
```

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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