

Converting Colors

HunterLab(61.7599, 36.7658,
35.9684)

Have a look what the booklet for
HunterLab(61.7599, 36.7658,
35.9684) contains.

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Color

**HunterLab(61.8453, 36.5470,
36.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8530
RGB	255, 133, 48
RGB Percent	100%, 52%, 19%
CMY	0.0000, 0.4784, 0.8118
CMYK	0.00, 0.48, 0.81, 0.00
HSL	25°, 100%, 59%
HSV	25°, 81%, 100%
XYZ	50.1610, 38.2484, 7.5351
YIQ	159.7880, 99.9970, -0.5710

Conversions

Conversions Part 2

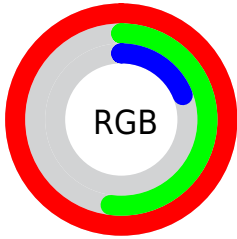
Format	Color
R _{YB}	255, 192, 48
Decimal	16745776
CIE _{Lab}	68.20, 41.11, 63.07
CIE _{LCh}	68, 75.282, 56.901
Yxy	38.2505, 0.5228, 0.3987
Android (android.graphics.Color)	4294935856 (0xFFFF8530)
YUV	159.7880, -55.1115, 83.5009
Hunter-Lab	61.8453, 36.5470, 36.0679

Details

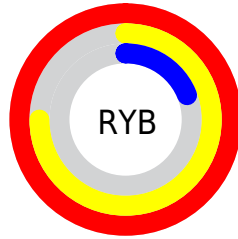
The HunterLab color **61.8453, 36.5470, 36.0679** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **60.4940, -6.5960, -55.5632**, and the grayscale version is **59.3943, -3.1691, 3.2270**.

A 20% lighter version of the original color is **76.2667, 10.6414, 37.6101**, and **41.1840, 33.8052, 25.9692** is the 20% darker color. If you saturate the color by 10%, you get **58.5422, 43.4970, 36.0402**, and if you desaturate by 10%, it is **65.5276, 29.8495, 35.1178**.

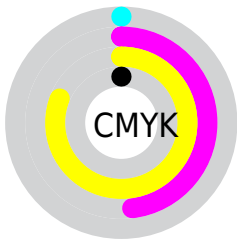
Distribution



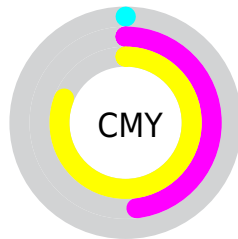
- Red (100%)
- Green (52%)
- Blue (19%)



- Red (100%)
- Yellow (75%)
- Blue (19%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8453, 36.5470, 36.0679 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 61.8453, 36.5470, 36.0679 by changing the saturation by 10% instead.

61.8453, 36.5470,
36.0679

61.8453, 36.5470,
36.0679

184.0362, 44.3133,
70.2426

51.1636, 35.2245,
31.5084

85.1422, 38.8574,
44.5760

41.1779, 33.7886,
26.7068

97.6877, 39.8701,
48.5772

31.9426, 32.2295,
21.9959

110.7951, 40.7959,
52.4405

23.5243, 30.5519,
16.4670

124.4415, 41.6409,
56.1844

16.0119, 28.7947,
11.2084

138.6062, 42.4106,
59.8245

9.5316, 27.1290,
6.6721

153.2710, 43.1097,

0.0000, INF, NaN

63.3737

0.0000, NaN, NaN

168.4193, 43.7427,
66.8433

0.0000, NaN, NaN

■ 61.8453, 36.5470,
36.0679

■ 61.8453, 36.5470,
36.0679

■ 58.5422, 43.4970,
36.0402

■ 65.5276, 29.8495,
35.1178

■ 55.9515, 49.6747,
35.3467

■ 69.5542, 23.5364,
33.2082

■ 73.8954, 17.6669,
30.4096

■ 78.5207, 12.2651,
26.8108

■ 83.4019, 7.3282,
22.5041

88.5136, 2.8372,
17.5764

93.8331, -1.2365,
12.1058

99.3406, -4.9257,
6.1604

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.



61.8470, 66.3576, 25.3910



61.8453, 36.5470, 36.0679



61.8470, 0.2659, 38.8159

Triad

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



61.8470, 36.5426, 36.0686



61.8470, -55.9290, 6.6308



61.8470, 29.0974, -81.5847

Complementary

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



61.8453, 36.5470, 36.0679



60.4940, -6.5960, -55.5632

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.



61.8470, -6.7934, -96.3084



61.8453, 36.5470, 36.0679



61.8470, -51.4237, -31.8444

Square

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



61.8470, 36.5426, 36.0686



61.8470, -49.0467, 28.5862



61.8470, -35.0722, -74.5407



61.8470, 61.4484, -41.0619

Rectangle

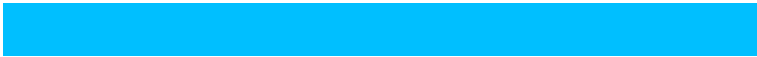
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8453, 36.5470, 36.0679



61.8470, -21.1636, 38.1857



61.8470, -35.0722, -74.5407



61.8470, 16.8462, -90.4222

Sweetspot

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



61.8470, 36.5426, 36.0686



87.0482, 4.0621, 19.0265



51.3422, 83.1588, -12.0955



39.4283, 2.6166, 9.6191

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8470, 36.5426, 36.0686



56.8002, 47.5941, 35.6039



89.7159, -15.1806, 53.1686



43.8316, -0.8692, 5.1556



40.7854, 35.0269, 25.7450



13.5218, 8.9630, 8.4890

Inverse Universe

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



60.4940, -6.5960, -55.5632



54.9458, 0.0254, -68.2299



34.7391, 49.0570, -139.2030



43.7690, -3.6248, -0.5240



39.3935, 0.4091, -50.1214



13.1386, -1.2855, -13.6472

Previews

White Background



This preview shows how the HunterLab color 61.8453, 36.5470, 36.0679 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 61.8453, 36.5470, 36.0679 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 61.8453, 36.5470, 36.0679 Background



This preview shows how black text looks on a background with the HunterLab color 61.8453, 36.5470, 36.0679.



This preview shows how white text looks on a background with the HunterLab color 61.8453, 36.5470,

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

61.8453, 36.5470, 36.0679

Protanopia

61.9451, -8.1048, 34.3234

Deuteranopia

61.8832, 4.6458, 36.4566



Tritanopia

61.7965, 45.5326, 16.8838

Trichromacy



Original Color

61.8453, 36.5470, 36.0679

Protanomaly

61.2845, 7.0768, 34.5107

Deuteranomaly

61.5068, 15.7886, 36.0650

Tritanomaly

61.5953, 41.5640, 26.3307

Monochromacy



Original Color

61.8453, 36.5470, 36.0679

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

58.9463, 8.1046, 18.9098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8453, 36.5470, 36.0679 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8453, 36.5470, 36.0679 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, 48) }
```


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

```
.border{ border-color:rgb(255, 133, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8453, 36.5470, 36.0679 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, 48) }
```

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

```
.background{ background-color: rgb(255,  
133, 48) }
```

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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