

Converting Colors

HunterLab(56.1809, 49.4254,
34.7094)

Have a look what the booklet for
HunterLab(56.1809, 49.4254,
34.7094) contains.

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Color

**HunterLab(56.2336, 49.2874,
34.7657)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6A15
RGB	255, 106, 21
RGB Percent	100%, 42%, 8%
CMY	0.0000, 0.5843, 0.9176
CMYK	0.00, 0.58, 0.92, 0.00
HSL	22°, 100%, 54%
HSV	22°, 92%, 100%
XYZ	46.5294, 31.6222, 4.3608
YIQ	140.8610, 116.0890, 5.1530

Conversions

Conversions Part 2

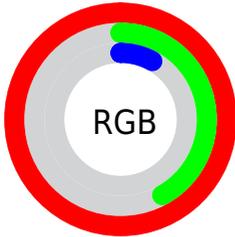
Format	Color
RYB	255, 154, 21
Decimal	16738837
CIELab	63.03, 53.42, 67.83
CIELCh	63, 86.337, 51.780
Yxy	31.6240, 0.5639, 0.3832
Android (android.graphics.Color)	4294928917 (0xFFFF6A15)
YUV	140.8610, -59.0915, 100.0999
Hunter-Lab	56.2336, 49.2874, 34.7657

Details

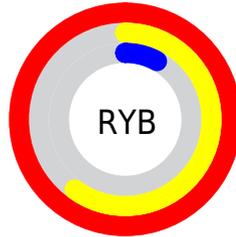
The HunterLab color **56.2336, 49.2874, 34.7657** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **60.1054, -7.9752, -56.4264**, and the grayscale version is **51.7518, -2.7613, 2.8118**.

A 20% lighter version of the original color is **68.7748, 23.3268, 36.5734**, and **36.3708, 46.1667, 23.2197** is the 20% darker color. If you saturate the color by 10%, you get **53.8745, 55.2203, 34.1640**, and if you desaturate by 10%, it is **59.5320, 41.9381, 34.7911**.

Distribution



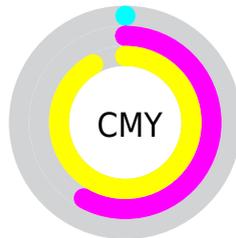
- Red (100%)
- Green (42%)
- Blue (8%)



- Red (100%)
- Yellow (60%)
- Blue (8%)



- Cyan (0%)
- Magenta (58%)
- Yellow (92%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2336, 49.2874, 34.7657 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 56.2336, 49.2874, 34.7657 by changing the saturation by 10% instead.

56.2336, 49.2874,
34.7657

56.2336, 49.2874,
34.7657

175.8985, 61.1713,
71.8403

45.9069, 47.4740,
29.7771

78.8804, 52.5757,
44.0657

36.3021, 45.5621,
24.6851

91.1250, 54.0669,
48.4259

27.4801, 43.5703,
19.2360

103.9447, 55.4614,
52.6254

19.5176, 41.5718,
13.6623

117.3150, 56.7649,
56.6850

12.5200, 39.7963,
8.7640

131.2139, 57.9828,
60.6222

5.7926, 48.0844,
4.0548

145.6221, 59.1202,

0.0000, INF, NaN

64.4523

0.0000, NaN, NaN

160.5222, 60.1816,
68.1880

0.0000, NaN, NaN

56.2336, 49.2874,
34.7657

56.2336, 49.2874,
34.7657

53.8745, 55.2203,
34.1640

59.5320, 41.9381,
34.7911

63.2798, 34.7215,
33.8556

67.4399, 27.8068,
31.9917

71.9713, 21.2954,
29.2830

76.8347, 15.2345,
25.8307

81.9939, 9.6337,
21.7353

87.4168, 4.4791,
17.0884

93.0751, -0.2563,
11.9693

98.9445, -4.6062,
6.4448

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.2352, 81.4589, 23.1180



56.2336, 49.2874, 34.7657



56.2352, 7.7485, 37.4823

Triad

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



56.2352, 49.2826, 34.7664



56.2352, -58.2969, 12.0606



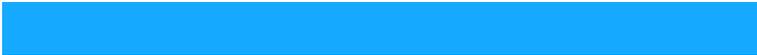
56.2352, 26.5235, -106.1205

Complementary

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



56.2336, 49.2874, 34.7657



60.1054, -7.9752, -56.4264

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.



56.2352, -13.0040, -117.0217



56.2336, 49.2874, 34.7657



56.2352, -55.7571, -29.0353

Square

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



56.2352, 49.2826, 34.7664



56.2352, -49.4010, 31.2055



56.2352, -41.2148, -82.6207



56.2352, 66.0903, -58.5562

Rectangle

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



56.2336, 49.2874, 34.7657



56.2352, -17.0604, 37.3769



56.2352, -41.2148, -82.6207



56.2352, 12.5858, -115.0591

Sweetspot

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



56.2352, 49.2826, 34.7664



84.0056, 7.6430, 20.0470



49.8170, 88.6095, -14.8657



37.7992, 4.5946, 10.1675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



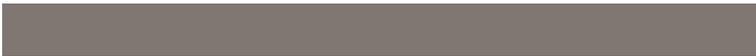
56.2352, 49.2826, 34.7664



53.8748, 55.2206, 34.1641



85.1163, -8.5674, 51.8039



43.6661, -0.5881, 4.9757



39.2734, 39.0186, 24.8831



13.0413, 10.1326, 8.2134

Inverse Universe

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



60.1054, -7.9752, -56.4264



57.6100, -4.6594, -61.9492



31.9653, 54.5068, -154.8280



43.9392, -3.9020, -0.3178



41.9953, -3.9402, -43.9847



13.8747, -2.4461, -12.0617

Previews

White Background



This preview shows how the HunterLab color 56.2336, 49.2874, 34.7657 looks on a white background.

Color Contrast Check

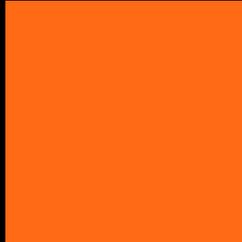
Large Text (above 18pt) WCAG AA × Fail

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 56.2336, 49.2874, 34.7657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

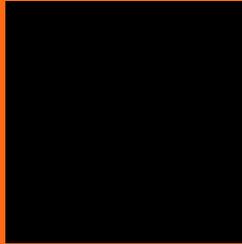
Any Text WCAG AA ✓ Pass

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 56.2336, 49.2874, 34.7657 Background



This preview shows how black text looks on a background with the HunterLab color 56.2336, 49.2874, 34.7657.



This preview shows how white text looks on a background with the HunterLab color 56.2336, 49.2874,

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

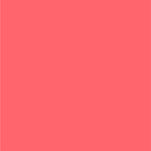
56.2336, 49.2874, 34.7657

Protanopia

56.2749, -7.4681, 32.9511

Deuteranopia

56.2034, 3.6487, 34.6962



Tritanopia

56.2396, 55.6668, 20.9647

Trichromacy



Original Color

56.2336, 49.2874, 34.7657

Protanomaly

55.0033, 12.0811, 32.8513

Deuteranomaly

55.5419, 20.0375, 34.3302

Tritanomaly

56.1091, 52.5862, 28.2697

Monochromacy



Original Color

56.2336, 49.2874, 34.7657

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.2313, 11.9730, 18.6899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2336, 49.2874, 34.7657 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, 106, 21)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 21)  
}
```

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, 106, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2336, 49.2874, 34.7657 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, 106, 21) }
```


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

```
.border{ border-color:rgb(255, 106, 21) }
```

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

Here you see how a box with a 4 pixel rgb(255, 106, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 106, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 106, 21);  
box-shadow:4px 4px 4px 4px rgb(255, 106,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2336, 49.2874, 34.7657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 21) }
```

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

```
.background{ background-color: rgb(255,  
106, 21) }
```

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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