

Converting Colors

HunterLab(63.4162, 16.6994,
35.9894)

Have a look what the booklet for
HunterLab(63.4162, 16.6994,
35.9894) contains.

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Color

**HunterLab(63.4146, 16.7029,
35.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	E89937
RGB	232, 153, 55
RGB Percent	91%, 60%, 22%
CMY	0.0902, 0.4000, 0.7843
CMYK	0.00, 0.34, 0.76, 0.09
HSL	33°, 79%, 56%
HSV	33°, 76%, 91%
XYZ	45.3595, 40.2141, 8.9859
YIQ	165.4490, 78.5420, -13.7300

Conversions

Conversions Part 2

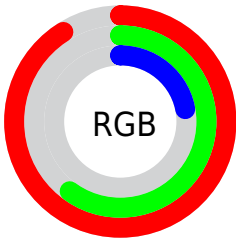
Format	Color
RYB	198, 232, 55
Decimal	15243575
CIELab	69.62, 21.67, 60.55
CIELCh	70, 64.309, 70.308
Yxy	40.2162, 0.4797, 0.4253
Android (android.graphics.Color)	4293433655 (0xFFE89937)
YUV	165.4490, -54.4514, 58.3652
Hunter-Lab	63.4146, 16.7029, 35.9888

Details

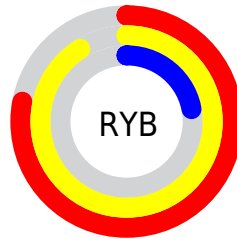
The HunterLab color **63.4146, 16.7029, 35.9888** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **48.6700, 5.2906, -62.9191**, and the grayscale version is **61.7203, -3.2932, 3.3534**.

A 20% lighter version of the original color is **81.8342, 1.3182, 40.1700**, and **42.6153, 15.6713, 26.5337** is the 20% darker color. If you saturate the color by 10%, you get **60.6627, 21.2707, 36.4305**, and if you desaturate by 10%, it is **66.3561, 12.5202, 34.6331**.

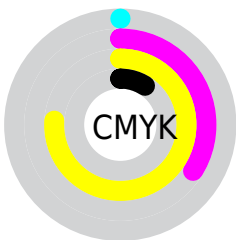
Distribution



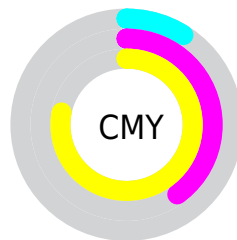
- Red (91%)
- Green (60%)
- Blue (22%)



- Red (78%)
- Yellow (91%)
- Blue (22%)



- Cyan (0%)
- Magenta (34%)
- Yellow (76%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.4146, 16.7029, 35.9888 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 63.4146, 16.7029, 35.9888 by changing the saturation by 10% instead.

63.4146, 16.7029,
35.9888

63.4146, 16.7029,
35.9888

186.2884, 17.9770,
68.8191

52.6376, 16.2098,
31.6247

86.8865, 17.4264,
44.1373

42.5500, 15.6224,
27.0257

99.5132, 17.6796,
47.9742

33.2045, 14.9239,
22.2735

112.6984, 17.8674,
51.6825

24.6656, 14.0971,
17.2659

126.4195, 17.9949,
55.2797

17.0182, 13.1217,
11.9127

140.6562, 18.0662,
58.7806

10.3816, 11.9802,
7.2671

155.3906, 18.0850,

0.0000, INF, NaN

62.1975

0.0000, NaN, NaN

170.6062, 18.0543,
65.5407

0.0000, NaN, NaN

■ 63.4146, 16.7029,
35.9888

■ 63.4146, 16.7029,
35.9888

■ 60.6627, 21.2707,
36.4305

■ 66.3561, 12.5202,
34.6331

■ 58.1017, 26.1788,
36.0082

■ 69.4731, 8.7600,
32.3664

■ 57.1961, 28.0411,
35.7349

■ 72.7570, 5.4263,
29.2247

■ 76.1969, 2.5137,
25.2592

■ 79.7822, 0.0078,
20.5283

■ 83.5030, -2.1110,
15.0928

■ 87.3496, -3.8654,
9.0118

■ 91.3133, -5.2793,
2.3416

■ 95.0814, -8.0521,
-0.5469

Harmonies

Analogous

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



63.4162, 45.4541, 29.2252



63.4146, 16.7029, 35.9888



63.4162, -13.1405, 36.7533

Triad

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



63.4162, 16.6994, 35.9894



63.4162, -49.7779, -6.8873



63.4162, 37.2513, -52.4022

Complementary

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



63.4146, 16.7029, 35.9888



48.6700, 5.2906, -62.9191

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.



63.4162, 6.9939, -74.9705



63.4146, 16.7029, 35.9888



63.4162, -40.8301, -41.8278

Square

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



63.4162, 16.6994, 35.9894



63.4162, -48.1284, 18.9635



63.4162, -21.2481, -70.4063



63.4162, 58.7290, -17.3524

Rectangle

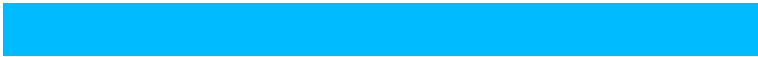
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.4146, 16.7029, 35.9888



63.4162, -29.3472, 34.4483



63.4162, -21.2481, -70.4063



63.4162, 27.5646, -62.2870

Sweetspot

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



63.4162, 16.6994, 35.9894



90.1128, -0.7852, 21.0144



46.5058, 68.2811, 0.7930



41.0034, 0.0588, 10.6925

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.4162, 16.6994, 35.9894



65.7420, 27.0194, 40.3691



85.8489, -25.4326, 49.9579



39.6038, -1.5402, 5.0578



42.9149, 20.2380, 26.7982



12.4326, 3.8880, 7.7290

Inverse Universe

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



48.6700, 5.2906, -62.9191



46.9743, 15.4276, -90.1965



31.0547, 49.3270, -125.7563



38.6533, -2.4851, -0.9891



29.8709, 13.0423, -65.4906



9.1780, 1.4269, -14.5520

Previews

White Background



This preview shows how the HunterLab color 63.4146, 16.7029, 35.9888 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 63.4146, 16.7029, 35.9888 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 63.4146, 16.7029, 35.9888 Background



This preview shows how black text looks on a background with the HunterLab color 63.4146, 16.7029, 35.9888.



This preview shows how white text looks on a background with the HunterLab color 63.4146, 16.7029,

35.9888.

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

63.4146, 16.7029, 35.9888

Protanopia

63.6619, -8.0454, 35.1060

Deuteranopia

63.5490, 4.7156, 36.2101



Tritanopia

63.3681, 32.5273, 11.0122

Trichromacy



Original Color

63.4146, 16.7029, 35.9888

Protanomaly

63.2283, 0.8425, 35.2221

Deuteranomaly

63.5810, 9.0588, 36.1961

Tritanomaly

63.2521, 25.6015, 23.3579

Monochromacy



Original Color

63.4146, 16.7029, 35.9888

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.4729, 1.1166, 19.1858

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4146, 16.7029, 35.9888 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(232, 153, 55)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 55)  
}
```

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(232, 153, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4146, 16.7029, 35.9888 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(232, 153, 55) }
```


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

```
.border{ border-color:rgb(232, 153, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 153, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 153, 55);  
box-shadow:4px 4px 4px 4px rgb(232, 153,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4146, 16.7029, 35.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 55) }
```

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

```
.background{ background-color: rgb(232,  
153, 55) }
```

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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