

Converting Colors

HunterLab(63.6417, 16.8937,
33.6450)

Have a look what the booklet for
HunterLab(63.6417, 16.8937,
33.6450) contains.

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Color

**HunterLab(63.7033, 16.6098,
33.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	E79A49
RGB	231, 154, 73
RGB Percent	91%, 60%, 29%
CMY	0.0941, 0.3961, 0.7137
CMYK	0.00, 0.33, 0.68, 0.09
HSL	31°, 77%, 60%
HSV	31°, 68%, 91%
XYZ	45.7131, 40.5811, 11.7268
YIQ	167.7890, 71.8930, -8.8670

Conversions

Conversions Part 2

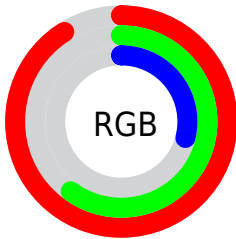
Format	Color
R _Y B	223, 231, 73
Decimal	15178313
CIE Lab	69.88, 21.56, 52.92
CIE LCh	70, 57.141, 67.829
Yxy	40.5832, 0.4664, 0.4140
Android (android.graphics.Color)	4293368393 (0xFFE79A49)
YUV	167.7890, -46.7310, 55.4360
Hunter-Lab	63.7033, 16.6098, 33.6779

Details

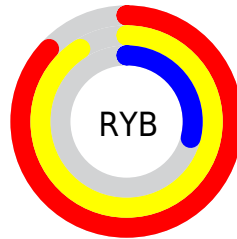
The HunterLab color **63.7033, 16.6098, 33.6779** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **53.8489, -1.1651, -50.0787**, and the grayscale version is **62.6557, -3.3432, 3.4042**.

A 20% lighter version of the original color is **82.6690, 1.5990, 37.0531**, and **42.9056, 15.4893, 25.7949** is the 20% darker color. If you saturate the color by 10%, you get **60.6532, 21.3263, 34.8086**, and if you desaturate by 10%, it is **66.9630, 12.2944, 31.6575**.

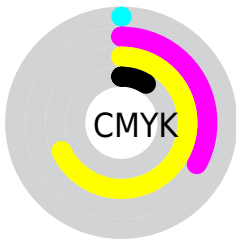
Distribution



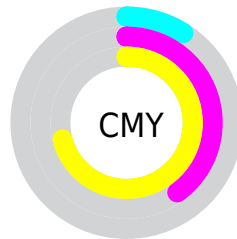
- Red (91%)
- Green (60%)
- Blue (29%)



- Red (87%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7033, 16.6098, 33.6779 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 63.7033, 16.6098, 33.6779 by changing the saturation by 10% instead.

63.7033, 16.6098,
33.6779

63.7033, 16.6098,
33.6779

186.7017, 17.8331,
62.8888

52.9089, 16.1240,
29.8216

87.2071, 17.3202,
40.8833

42.8028, 15.5444,
25.7506

99.8486, 17.5673,
44.2835

33.4373, 14.8542,
21.4286

113.0480, 17.7493,
47.5761

24.8765, 14.0364,
17.4135

126.7827, 17.8713,
50.7769

17.2046, 13.0707,
12.0432

141.0326, 17.9372,
53.8986

10.5398, 11.9390,
7.3779

155.7796, 17.9508,

0.0000, INF, NaN

56.9522

0.0000, NaN, NaN

171.0076, 17.9152,
59.9464

0.0000, NaN, NaN

■ 63.7033, 16.6098,
33.6779

■ 63.7033, 16.6098,
33.6779

■ 60.6532, 21.3263,
34.8086

■ 66.9630, 12.2944,
31.6575

■ 57.8207, 26.4139,
35.0403

■ 70.4134, 8.4057,
28.7863

■ 55.2148, 31.7819,
34.4653

■ 74.0418, 4.9385,
25.1230

■ 54.8158, 32.6472,
34.3488

■ 77.8345, 1.8798,
20.7320

■ 81.7788, -0.7905,
15.6785

85.8628, -3.0964,
10.0252

90.0756, -5.0632,
3.8297

94.3113, -7.2465,
-1.4890

97.8411, -12.9295,
2.7322

Harmonies

Analogous

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



63.7049, 41.1441, 26.3018



63.7033, 16.6098, 33.6779



63.7049, -10.0776, 34.9005

Triad

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



63.7049, 16.6064, 33.6786



63.7049, -45.7897, -3.3644



63.7049, 30.2904, -46.7637

Complementary

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



63.7033, 16.6098, 33.6779



53.8489, -1.1651, -50.0787

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.



63.7049, 3.5592, -64.0285



63.7033, 16.6098, 33.6779



63.7049, -38.3101, -33.1879

Square

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



63.7049, 16.6064, 33.6786



63.7049, -43.4416, 18.9452



63.7049, -21.2111, -58.2555



63.7049, 49.8870, -17.2429

Rectangle

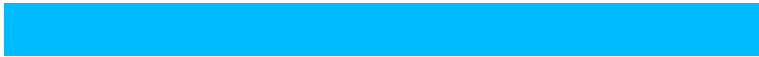
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7033, 16.6098, 33.6779



63.7049, -25.1239, 32.8377



63.7049, -21.2111, -58.2555



63.7049, 21.6861, -54.6396

Sweetspot

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



63.7049, 16.6064, 33.6786



90.2686, -0.1144, 19.1439



49.0114, 63.5706, -4.6224



41.1937, 0.3258, 9.5913

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7049, 16.6064, 33.6786



66.5381, 26.1144, 39.1636



86.3836, -21.5418, 48.5255



39.4763, -1.3261, 4.9205



41.3460, 23.7475, 25.8930



12.0380, 4.7031, 7.5001

Inverse Universe

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



53.8489, -1.1651, -50.0787



53.7719, 4.5903, -71.1020



34.5707, 40.4658, -107.6471



38.7825, -2.6979, -0.8309



31.6990, 9.2454, -59.5791



9.6332, 0.5973, -13.3300

Previews

White Background



This preview shows how the HunterLab color 63.7033, 16.6098, 33.6779 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 63.7033, 16.6098, 33.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

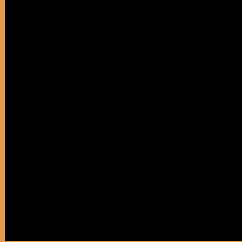
Any Text WCAG AA ✓ Pass

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 63.7033, 16.6098, 33.6779 Background



This preview shows how black text looks on a background with the HunterLab color 63.7033, 16.6098, 33.6779.



This preview shows how white text looks on a background with the HunterLab color 63.7033, 16.6098, 33.6779.

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

63.7033, 16.6098, 33.6779

Protanopia

63.7362, -7.4307, 32.4389

Deuteranopia

63.8713, 4.6938, 33.9057



Tritanopia

63.6270, 30.9383, 10.4397

Trichromacy



Original Color

63.7033, 16.6098, 33.6779

Protanomaly

63.5698, 0.8919, 32.8099

Deuteranomaly

63.8945, 9.0265, 33.8405

Tritanomaly

63.3866, 25.0536, 21.0341

Monochromacy



Original Color

63.7033, 16.6098, 33.6779

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

62.4213, 1.7629, 17.4174

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7033, 16.6098, 33.6779 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(231, 154, 73)` looks like.

```
.text, #text, p{  
    color:rgb(231, 154, 73)  
}
```

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(231, 154, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 154, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7033, 16.6098, 33.6779 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(231, 154, 73) }
```


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

```
.border{ border-color:rgb(231, 154, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 154, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 154, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 154, 73);  
box-shadow:4px 4px 4px 4px rgb(231, 154,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7033, 16.6098, 33.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 154, 73) }
```

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

```
.background{ background-color: rgb(231,  
154, 73) }
```

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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