

Converting Colors

HunterLab(64.0064, -6.9996,
36.7452)

Have a look what the booklet for
HunterLab(64.0064, -6.9996,
36.7452) contains.

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Color

**HunterLab(63.9854, -7.0760,
36.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	C3AB30
RGB	195, 171, 48
RGB Percent	76%, 67%, 19%
CMY	0.2353, 0.3294, 0.8117
CMYK	0.00, 0.12, 0.75, 0.24
HSL	50°, 60%, 48%
HSV	50°, 75%, 76%
XYZ	37.6021, 40.9413, 8.7170
YIQ	164.1540, 53.7870, -33.1650

Conversions

Conversions Part 2

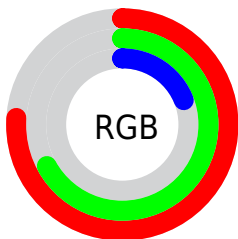
Format	Color
RYB	77, 195, 48
Decimal	12823344
CIELab	70.14, -4.22, 62.31
CIElCh	70, 62.453, 93.876
Yxy	40.9433, 0.4309, 0.4692
Android (android.graphics.Color)	4291013424 (0xFFC3AB30)
YUV	164.1540, -57.2639, 27.0519
Hunter-Lab	63.9854, -7.0760, 36.7125

Details

The HunterLab color **63.9854, -7.0760, 36.7125** is a dark color, and the websafe version is hex **999900**. The color can be described as middle muted orange. A complement of this color would be **30.3367, 25.6775, -81.7614**, and the grayscale version is **61.2060, -3.2658, 3.3254**.

A 20% lighter version of the original color is **87.5397, -8.6556, 45.0990**, and **43.0256, -5.1265, 26.4224** is the 20% darker color. If you saturate the color by 10%, you get **62.9508, -6.1246, 37.6179**, and if you desaturate by 10%, it is **65.0832, -7.7381, 35.0584**.

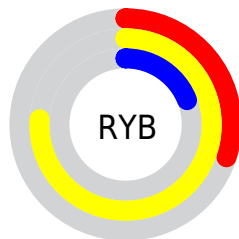
Distribution



Red (76%)

Green (67%)

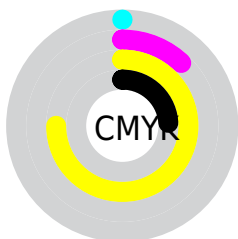
Blue (19%)



Red (30%)

Yellow (76%)

Blue (19%)

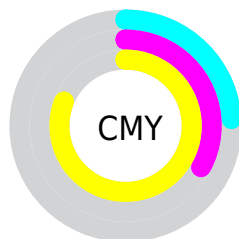


Cyan (0%)

Magenta (12%)

Yellow (75%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9854, -7.0760, 36.7125 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 63.9854, -7.0760, 36.7125 by changing the saturation by 10% instead.

63.9854, -7.0760,
36.7125

63.9854, -7.0760,
36.7125

187.1052,
-15.2592, 70.3233

53.1740, -6.2768,
32.2452

87.5202, -8.7471,
45.0576

43.0498, -5.4962,
27.5418

100.1761, -9.6140,
48.9876

33.6649, -4.7355,
22.7170

113.3894,
-10.5025, 52.7854

25.0828, -3.9926,
17.5579

127.1374,
-11.4123, 56.4688

17.3871, -3.2626,
12.1709

141.4000,
-12.3432, 60.0527

10.6949, -2.5355,
7.4864

156.1594,

1.2278, -2.1486,

-13.2949, 63.5496

0.8594

171.3994,
-14.2670, 66.9701

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9854, -7.0760,
36.7125

■ 63.9854, -7.0760,
36.7125

■ 62.9508, -6.1246,
37.6179

■ 65.0832, -7.7381,
35.0584

■ 61.9694, -4.9086,
37.8519

■ 66.2430, -8.0822,
32.6059

■ 61.5277, -4.2981,
37.8379

■ 67.4684, -8.0975,
29.3280

■ 68.7607, -7.7767,
25.2126

■ 70.1204, -7.1174,

20.2600

■ 71.5475, -6.1210,
14.4796

■ 73.0414, -4.7921,
7.8886

■ 74.6014, -3.1379,
0.5101

■ 76.2263, -1.1676,
-7.6286

Harmonies

Analogous

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



63.9869, 22.5349, 34.8296



63.9854, -7.0760, 36.7125



63.9869, -31.1795, 33.4016

Triad

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



63.9869, -7.0786, 36.7130



63.9869, -42.8444, -32.9052



63.9869, 53.5707, -23.9746

Complementary

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



63.9854, -7.0760, 36.7125



30.3367, 25.6775, -81.7614

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.



63.9869, 30.0703, -56.6481



63.9854, -7.0760, 36.7125



63.9869, -25.7969, -63.1957

Square

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



63.9869, -7.0786, 36.7130



63.9869, -49.4151, -0.1406



63.9869, 0.3276, -73.3766



63.9869, 60.9256, 6.9063

Rectangle

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



63.9854, -7.0760, 36.7125



63.9869, -41.9277, 27.2184



63.9869, 0.3276, -73.3766



63.9869, 47.1170, -35.4858

Sweetspot

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



63.9869, -7.0786, 36.7130



94.2213, -9.2913, 25.6358



37.6707, 51.3472, 14.3258



43.7705, -4.5405, 13.2384

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9869, -7.0786, 36.7130



83.4487, -7.2561, 50.6303



67.3457, -33.2965, 38.4529



33.8664, -2.5062, 4.9598



49.7084, -3.6376, 30.5664



10.6958, -1.3428, 6.5672

Inverse Universe

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



30.3367, 25.6775, -81.7614



32.7843, 50.3767, -146.1472



29.3188, 45.1143, -85.5515



31.6349, -0.8649, -1.6718



18.1923, 34.6541, -97.5470



4.7761, 4.1751, -14.9825

Previews

White Background



This preview shows how the HunterLab color 63.9854, -7.0760, 36.7125 looks on a white background.

Color Contrast Check

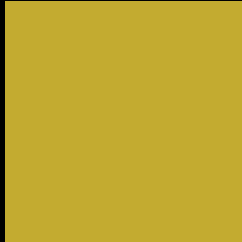
Large Text (above 18pt) WCAG AA × Fail

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 63.9854, -7.0760, 36.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

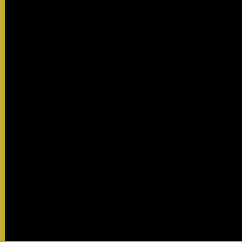
Any Text WCAG AA ✓ Pass

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 63.9854, -7.0760, 36.7125 Background



This preview shows how black text looks on a background with the HunterLab color 63.9854, -7.0760, 36.7125.



This preview shows how white text looks on a background with the HunterLab color 63.9854, -7.0760,

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

63.9854, -7.0760, 36.7125

Protanopia

63.9726, -8.6448, 36.6766

Deuteranopia

63.9378, 4.5790, 36.5741



Tritanopia

63.9981, 13.2891, 3.5095

Trichromacy



Original Color

63.9854, -7.0760, 36.7125

Protanomaly

64.0749, -8.2809, 36.7502

Deuteranomaly

63.9630, 0.3180, 36.6221

Tritanomaly

63.6402, 4.1708, 20.5816

Monochromacy



Original Color

63.9854, -7.0760, 36.7125

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.7710, -6.9284, 20.2689

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9854, -7.0760, 36.7125 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(195, 171, 48)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 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(195, 171, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9854, -7.0760, 36.7125 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(195, 171, 48) }
```


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

```
.border{ border-color:rgb(195, 171, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 48);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9854, -7.0760, 36.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 48) }
```

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

```
.background{ background-color: rgb(195,  
171, 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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