

Converting Colors

HunterLab(63.9774, -3.9942,
36.0031)

Have a look what the booklet for
HunterLab(63.9774, -3.9942,
36.0031) contains.

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Color

**HunterLab(63.9774, -3.9942,
36.0031)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A937
RGB	200, 169, 55
RGB Percent	78%, 66%, 22%
CMY	0.2157, 0.3372, 0.7843
CMYK	0.00, 0.15, 0.72, 0.22
HSL	47°, 57%, 50%
HSV	47°, 72%, 78%
XYZ	38.6969, 40.9311, 9.4753
YIQ	165.2730, 55.0700, -28.8820

Conversions

Conversions Part 2

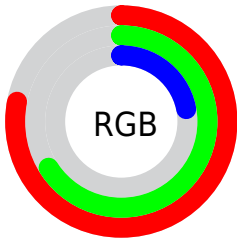
Format	Color
R _Y B	94, 200, 55
Decimal	13150519
CIE Lab	70.13, -0.66, 59.87
CIE LCh	70, 59.871, 90.634
Yxy	40.9330, 0.4343, 0.4594
Android (android.graphics.Color)	4291340599 (0xFFC8A937)
YUV	165.2730, -54.3646, 30.4556
Hunter-Lab	63.9774, -3.9942, 36.0031

Details

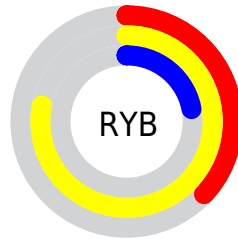
The HunterLab color **63.9774, -3.9942, 36.0031** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **34.1139, 20.5070, -73.5902**, and the grayscale version is **61.6542, -3.2897, 3.3498**.

A 20% lighter version of the original color is **86.9916, -7.2548, 43.6160**, and **42.9806, -2.4691, 26.4413** is the 20% darker color. If you saturate the color by 10%, you get **62.6208, -2.6099, 37.0352**, and if you desaturate by 10%, it is **65.4080, -5.0665, 34.1809**.

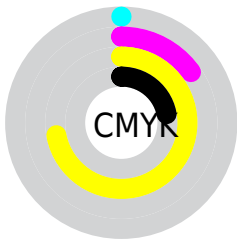
Distribution



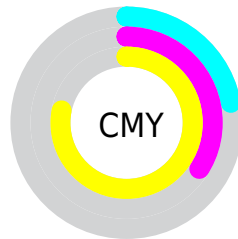
- Red (78%)
- Green (66%)
- Blue (22%)



- Red (37%)
- Yellow (78%)
- Blue (22%)



- Cyan (0%)
- Magenta (15%)
- Yellow (72%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9774, -3.9942, 36.0031 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 63.9774, -3.9942, 36.0031 by changing the saturation by 10% instead.

63.9774, -3.9942,
36.0031

63.9774, -3.9942,
36.0031

187.0938,
-10.8226, 68.4609

53.1665, -3.3846,
31.6942

87.5113, -5.3178,
44.0507

43.0428, -2.8066,
27.1535

100.1668, -6.0234,
47.8420

33.6584, -2.2653,
22.4130

113.3797, -6.7576,
51.5073

25.0769, -1.7630,
17.5538

127.1273, -7.5193,
55.0640

17.3819, -1.3029,
12.1673

141.3896, -8.3074,
58.5266

10.6905, -0.8890,
7.4833

156.1487, -9.1212,

1.1950, -2.0912,

61.9071

0.8365

171.3883, -9.9598,
65.2156

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9774, -3.9942,
36.0031

■ 63.9774, -3.9942,
36.0031

■ 62.6208, -2.6099,
37.0352

■ 65.4080, -5.0665,
34.1809

■ 61.3298, -0.9331,
37.3378

■ 66.9102, -5.8021,
31.5340

■ 60.3964, 0.4618,
37.2240

■ 68.4863, -6.1949,
28.0500

■ 70.1363, -6.2422,
23.7305

■ 71.8597, -5.9458,

18.5884

■ 73.6552, -5.3111,
12.6444

■ 75.5214, -4.3464,
5.9252

■ 77.4565, -3.0620,
-1.5382

■ 79.4587, -1.4698,
-9.7123

Harmonies

Analogous

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



63.9789, 24.4265, 33.5139



63.9774, -3.9942, 36.0031



63.9789, -28.0376, 33.2799

Triad

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



63.9789, -3.9969, 36.0036



63.9789, -42.6236, -27.5602



63.9789, 49.0840, -26.1787

Complementary

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



63.9774, -3.9942, 36.0031



34.1139, 20.5070, -73.5902

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.



63.9789, 25.6011, -56.1384



63.9774, -3.9942, 36.0031



63.9789, -27.1874, -57.1439

Square

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



63.9789, -3.9969, 36.0036



63.9789, -47.9166, 2.9277



63.9789, -2.8354, -69.3161



63.9789, 58.0185, 4.0325

Rectangle

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



63.9774, -3.9942, 36.0031



63.9789, -39.1657, 27.7566



63.9789, -2.8354, -69.3161



63.9789, 42.4552, -36.9975

Sweetspot

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



63.9789, -3.9969, 36.0036



94.5965, -7.8123, 24.3253



39.6114, 51.8190, 12.0047



43.4715, -3.6857, 12.1668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9789, -3.9969, 36.0036



81.4106, -2.2092, 49.0702



69.9618, -31.5388, 39.4946



34.6659, -2.3561, 4.9643



48.2993, 0.1283, 29.7641



10.9703, -0.7462, 6.7468

Inverse Universe

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



34.1139, 20.5070, -73.5902



36.5613, 41.4381, -130.1673



30.6500, 43.1803, -86.0605



32.6326, -1.1086, -1.5641



19.6134, 31.4442, -92.3939



5.3964, 3.6784, -14.6856

Previews

White Background



This preview shows how the HunterLab color 63.9774, -3.9942, 36.0031 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 63.9774, -3.9942, 36.0031 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 63.9774, -3.9942, 36.0031 Background



This preview shows how black text looks on a background with the HunterLab color 63.9774, -3.9942, 36.0031.



This preview shows how white text looks on a background with the HunterLab color 63.9774, -3.9942,

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

63.9774, -3.9942, 36.0031

Protanopia

64.0289, -8.3317, 35.8440

Deuteranopia

63.9819, 4.8149, 35.9226



Tritanopia

63.9619, 15.8176, 4.4376

Trichromacy



Original Color

63.9774, -3.9942, 36.0031

Protanomaly

64.0417, -6.7643, 35.8800

Deuteranomaly

63.9511, 1.8192, 35.9695

Tritanomaly

63.6561, 7.1330, 20.3281

Monochromacy



Original Color

63.9774, -3.9942, 36.0031

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.8208, -5.1127, 19.3964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9774, -3.9942, 36.0031 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(200, 169, 55)` looks like.

```
.text, #text, p{  
    color:rgb(200, 169, 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(200, 169, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 169, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9774, -3.9942, 36.0031 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(200, 169, 55) }
```


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

```
.border{ border-color:rgb(200, 169, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 169, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 169, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 169, 55);  
box-shadow:4px 4px 4px 4px rgb(200, 169,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9774, -3.9942, 36.0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 169, 55) }
```

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

```
.background{ background-color: rgb(200,  
169, 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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