

Converting Colors

HunterLab(63.9567, -5.8139,
39.1913)

Have a look what the booklet for
HunterLab(63.9567, -5.8139,
39.1913) contains.

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Color

**HunterLab(63.9534, -5.9968,
39.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	C7AA04
RGB	199, 170, 4
RGB Percent	78%, 67%, 2%
CMY	0.2196, 0.3333, 0.9842
CMYK	0.00, 0.15, 0.98, 0.22
HSL	51°, 96%, 40%
HSV	51°, 98%, 78%
XYZ	37.9499, 40.9004, 6.0093
YIQ	159.7470, 70.5700, -45.4780

Conversions

Conversions Part 2

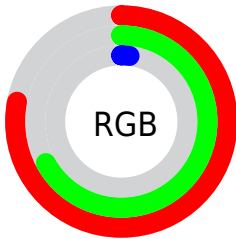
Format	Color
R _Y B	38, 199, 4
Decimal	13085188
CIE Lab	70.11, -2.97, 72.31
CIE LCh	70, 72.372, 92.352
Yxy	40.9024, 0.4472, 0.4820
Android (android.graphics.Color)	4291275268 (0xFFC7AA04)
YUV	159.7470, -76.7833, 34.4249
Hunter-Lab	63.9534, -5.9968, 39.1963

Details

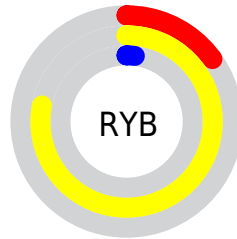
The HunterLab color **63.9534, -5.9968, 39.1963** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **22.8861, 44.9886, -125.0897**, and the grayscale version is **59.4721, -3.1733, 3.2312**.

A 20% lighter version of the original color is **86.9913, -9.4689, 48.3963**, and **43.0492, -3.6293, 26.4632** is the 20% darker color. If you saturate the color by 10%, you get **63.7731, -5.7536, 39.1960**, and if you desaturate by 10%, it is **64.8700, -7.1606, 39.0616**.

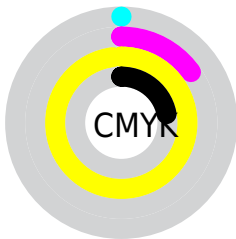
Distribution



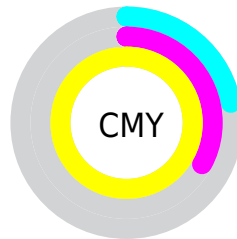
- Red (78%)
- Green (67%)
- Blue (2%)



- Red (15%)
- Yellow (78%)
- Blue (2%)



- Cyan (0%)
- Magenta (15%)
- Yellow (98%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9534, -5.9968, 39.1963 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 63.9534, -5.9968, 39.1963 by changing the saturation by 10% instead.

■ 63.9534, -5.9968,
39.1963

■ 63.9534, -5.9968,
39.1963

187.0594,
-13.7010, 77.5436

■ 53.1439, -5.2649,
34.0967

■ 87.4847, -7.5450,
48.7490

■ 43.0218, -4.5561,
28.7584

■ 100.1390, -8.3549,
53.2474

■ 33.6391, -3.8733,
23.5473

■ 113.3507, -9.1888,
57.5900

■ 25.0593, -3.2159,
17.5415

■ 127.0972,
-10.0462, 61.7956

■ 17.3663, -2.5821,
12.1564

■ 141.3584,
-10.9266, 65.8807

■ 10.6773, -1.9668,
7.4741

■ 156.1164,

■ 1.0907, -1.9087,

-11.8296, 69.8593

0.7635

171.3550,
-12.7545, 73.7434

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9534, -5.9968,
39.1963

■ 63.9534, -5.9968,
39.1963

■ 63.7731, -5.7536,
39.1960

■ 64.8700, -7.1606,
39.0616

■ 65.8356, -8.0765,
38.2965

■ 66.8597, -8.7000,
36.7824

■ 67.9465, -9.0062,
34.4602

■ 69.0988, -8.9785,

31.2937

■ 70.3183, -8.6072,
27.2636

■ 71.6059, -7.8875,
22.3639

■ 72.9621, -6.8191,
16.5995

■ 74.3867, -5.4051,
9.9838

Harmonies

Analogous

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



63.9549, 28.7841, 37.1952



63.9534, -5.9968, 39.1963



63.9549, -33.9604, 36.3669

Triad

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



63.9549, -5.9995, 39.1968



63.9549, -48.6890, -37.9903



63.9549, 63.0802, -31.3542

Complementary

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



63.9534, -5.9968, 39.1963



22.8861, 44.9886, -125.0897

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.



63.9549, 34.2167, -71.4162



63.9534, -5.9968, 39.1963



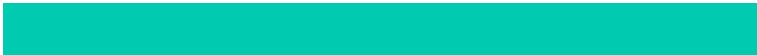
63.9549, -30.2855, -76.4247

Square

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



63.9549, -5.9995, 39.1968



63.9549, -55.2821, 0.9539



63.9549, -0.7906, -91.0037



63.9549, 73.1622, 5.9095

Rectangle

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



63.9534, -5.9968, 39.1963



63.9549, -46.3125, 30.4706



63.9549, -0.7906, -91.0037



63.9549, 54.9989, -45.4717

Sweetspot

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



63.9549, -5.9995, 39.1968



94.4996, -10.6031, 30.5999



35.1291, 59.8384, 20.2326



43.3761, -5.1091, 15.4873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.9549, -5.9995, 39.1968



84.2187, -7.3401, 51.7666



67.5730, -39.6193, 40.8434



34.8394, -2.6411, 5.1476



51.2380, -4.7743, 31.4890



11.4812, -1.5697, 7.0472

Inverse Universe

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



22.8861, 44.9886, -125.0897



29.3275, 62.7399, -172.0942



23.6611, 56.9999, -119.8170



32.4620, -0.8210, -1.7781



18.2096, 36.3686, -101.2697



4.9070, 4.9263, -16.7678

Previews

White Background



This preview shows how the HunterLab color 63.9534, -5.9968, 39.1963 looks on a white background.

Color Contrast Check

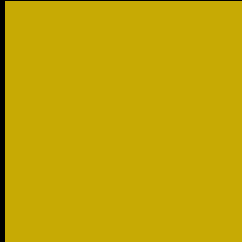
Large Text (above 18pt) WCAG AA × Fail

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 63.9534, -5.9968, 39.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

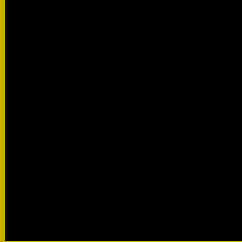
Any Text WCAG AA ✓ Pass

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 63.9534, -5.9968, 39.1963 Background



This preview shows how black text looks on a background with the HunterLab color 63.9534, -5.9968, 39.1963.

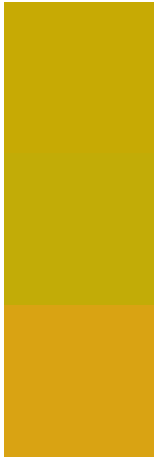


This preview shows how white text looks on a background with the HunterLab color 63.9534, -5.9968,

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

63.9534, -5.9968, 39.1963

Protanopia

64.0232, -8.7740, 39.1111

Deuteranopia

64.0259, 4.5741, 38.9620



Tritanopia

63.8482, 15.4558, 4.2983

Trichromacy



Original Color

63.9534, -5.9968, 39.1963

Protanomaly

63.9333, -7.5733, 39.1031

Deuteranomaly

64.0358, 0.2567, 39.0784

Tritanomaly

63.2025, 4.9405, 25.1929

Monochromacy



Original Color

63.9534, -5.9968, 39.1963

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.4391, -7.7775, 24.5181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9534, -5.9968, 39.1963 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(199, 170, 4)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 4)  
}
```

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(199, 170, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9534, -5.9968, 39.1963 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(199, 170, 4) }
```


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

```
.border{ border-color:rgb(199, 170, 4) }
```

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

Here you see how a box with a 4 pixel rgb(199, 170, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 4);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
4) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9534, -5.9968, 39.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 4) }
```

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

```
.background{ background-color: rgb(199,  
170, 4) }
```

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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