

Converting Colors

HunterLab(63.7898, -2.4374,
38.0847)

Have a look what the booklet for
HunterLab(63.7898, -2.4374,
38.0847) contains.

HunterLab(63.6975, -2.2707, 38.0037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(63.6975, -2.2707,
38.0037)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA71F
RGB	204, 167, 31
RGB Percent	80%, 65%, 12%
CMY	0.2000, 0.3451, 0.8784
CMYK	0.00, 0.18, 0.85, 0.20
HSL	47°, 74%, 46%
HSV	47°, 85%, 80%
XYZ	38.9679, 40.5737, 7.0740
YIQ	162.5590, 65.7080, -34.4520

Conversions

Conversions Part 2

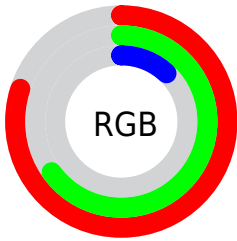
Format	Color
RYB	78, 204, 31
Decimal	13412127
CIELab	69.88, 1.28, 67.66
CIELCh	70, 67.672, 88.913
Yxy	40.5757, 0.4499, 0.4684
Android (android.graphics.Color)	4291602207 (0xFFCCA71F)
YUV	162.5590, -64.8586, 36.3438
Hunter-Lab	63.6975, -2.2707, 38.0037

Details

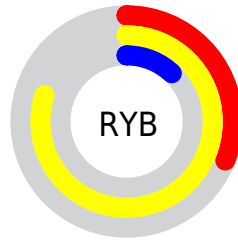
The HunterLab color **63.6975, -2.2707, 38.0037** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **29.6401, 29.6196, -95.4889**, and the grayscale version is **60.5778, -3.2323, 3.2913**.

A 20% lighter version of the original color is **86.1730, -7.3582, 46.1607**, and **43.0239, -0.9340, 26.4947** is the 20% darker color. If you saturate the color by 10%, you get **62.3926, -0.4902, 38.1478**, and if you desaturate by 10%, it is **65.0730, -3.7688, 37.1350**.

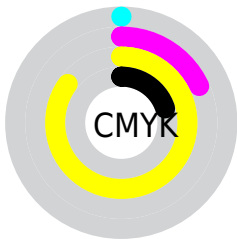
Distribution



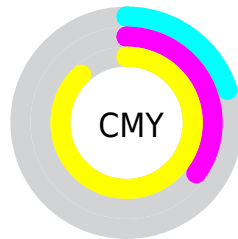
- Red (80%)
- Green (65%)
- Blue (12%)



- Red (31%)
- Yellow (80%)
- Blue (12%)



- Cyan (0%)
- Magenta (18%)
- Yellow (85%)
- Black (20%)



- Cyan (20%)
- Magenta (35%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6975, -2.2707, 38.0037 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 63.6975, -2.2707, 38.0037 by changing the saturation by 10% instead.

63.6975, -2.2707,
38.0037

63.6975, -2.2707,
38.0037

186.6934, -8.3591,
74.1757

52.9034, -1.7642,
33.1885

87.2006, -3.4050,
47.0074

42.7976, -1.2962,
28.1324

99.8418, -4.0227,
51.2455

33.4326, -0.8735,
23.2671

113.0409, -4.6726,
55.3379

24.8722, -0.5010,
17.4105

126.7754, -5.3532,
59.3031

17.2008, -0.1856,
12.0406

141.0250, -6.0633,
63.1569

10.5366, 0.0618,
7.3756

155.7717, -6.8016,

0.0000, INF, NaN

66.9130

0.0000, NaN, NaN

170.9994, -7.5672,
70.5826

0.0000, NaN, NaN

■ 63.6975, -2.2707,
38.0037

■ 63.6975, -2.2707,
38.0037

■ 62.3926, -0.4902,
38.1478

■ 65.0730, -3.7688,
37.1350

■ 61.7325, 0.5081,
38.0482

■ 66.5189, -4.9443,
35.4669

■ 68.0394, -5.7807,
32.9598

■ 69.6356, -6.2672,
29.5963

■ 71.3076, -6.3997,
25.3748

■ 73.0550, -6.1791,
20.3062

■ 74.8766, -5.6102,
14.4101

■ 76.7712, -4.7008,
7.7127

■ 78.7368, -3.4611,
0.2448

Harmonies

Analogous

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



63.6991, 30.1824, 35.3197



63.6975, -2.2707, 38.0037



63.6991, -29.6005, 35.7104

Triad

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



63.6991, -2.2735, 38.0042



63.6991, -47.4263, -30.2602



63.6991, 55.7189, -33.0572

Complementary

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



63.6975, -2.2707, 38.0037



29.6401, 29.6196, -95.4889

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.



63.6991, 27.8618, -68.2683



63.6975, -2.2707, 38.0037



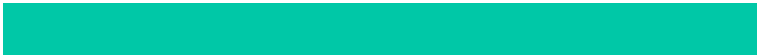
63.6991, -31.2089, -66.1838

Square

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



63.6991, -2.2735, 38.0042



63.6991, -52.4915, 4.5281



63.6991, -4.5232, -82.5909



63.6991, 67.3511, 2.3880

Rectangle

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



63.6975, -2.2707, 38.0037



63.6991, -42.2031, 30.5071



63.6991, -4.5232, -82.5909



63.6991, 47.7099, -45.8337

Sweetspot

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



63.6991, -2.2735, 38.0042



93.8940, -7.9781, 26.5016



37.7372, 59.0714, 15.5720



43.0651, -3.7578, 13.3829

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.6991, -2.2735, 38.0042



79.2378, 1.0091, 48.8436



70.8882, -35.0294, 41.9831



35.6000, -2.4207, 5.1074



49.1188, 0.1574, 30.2695



11.6144, -0.7356, 7.1439

Inverse Universe

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



29.6401, 29.6196, -95.4889



31.4770, 54.8950, -157.8460



26.5450, 52.3905, -110.3214



33.5058, -1.1363, -1.6176



19.9309, 32.0595, -94.1192



5.6491, 4.1019, -15.9157

Previews

White Background



This preview shows how the HunterLab color 63.6975, -2.2707, 38.0037 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 63.6975, -2.2707, 38.0037 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 63.6975, -2.2707, 38.0037 Background



This preview shows how black text looks on a background with the HunterLab color 63.6975, -2.2707, 38.0037.



This preview shows how white text looks on a background with the HunterLab color 63.6975, -2.2707,

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

63.6975, -2.2707, 38.0037

Protanopia

63.5898, -8.6509, 37.7582

Deuteranopia

63.5635, 4.5560, 37.8357



Tritanopia

63.5443, 18.3990, 5.3663

Trichromacy



Original Color

63.6975, -2.2707, 38.0037

Protanomaly

63.7099, -6.7053, 37.8686

Deuteranomaly

63.6472, 1.9594, 37.9130

Tritanomaly

63.0919, 9.1131, 22.9298

Monochromacy



Original Color

63.6975, -2.2707, 38.0037

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

61.0358, -5.2441, 21.7624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6975, -2.2707, 38.0037 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(204, 167, 31)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 31)  
}
```

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(204, 167, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6975, -2.2707, 38.0037 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(204, 167, 31) }
```


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

```
.border{ border-color:rgb(204, 167, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 167, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 31);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6975, -2.2707, 38.0037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 31) }
```

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

```
.background{ background-color: rgb(204,  
167, 31) }
```

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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