

Converting Colors

HunterLab(73.2989, 12.8577,
42.8476)

Have a look what the booklet for
HunterLab(73.2989, 12.8577,
42.8476) contains.

HunterLab(73.3070, 12.8375, 42.8631)	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(73.3070, 12.8375,
42.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB333
RGB	255, 179, 51
RGB Percent	100%, 70%, 20%
CMY	0.0000, 0.2980, 0.8000
CMYK	0.00, 0.30, 0.80, 0.00
HSL	38°, 100%, 60%
HSV	38°, 80%, 100%
XYZ	57.9576, 53.7392, 10.4499
YIQ	187.1320, 86.3840, -23.6960

Conversions

Conversions Part 2

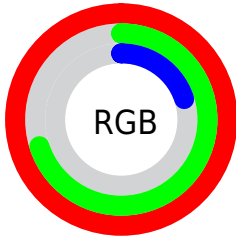
Format	Color
RYB	172, 255, 51
Decimal	16757555
CIELab	78.31, 17.49, 71.03
CIELCh	78, 73.154, 76.171
Yxy	53.7419, 0.4745, 0.4400
Android (android.graphics.Color)	4294947635 (0xFFFFB333)
YUV	187.1320, -67.1131, 59.5202
Hunter-Lab	73.3070, 12.8375, 42.8631

Details

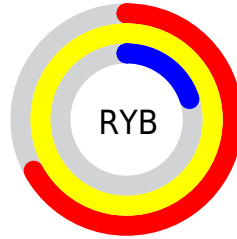
The HunterLab color **73.3070, 12.8375, 42.8631** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **48.0643, 16.1753, -86.8029**, and the grayscale version is **70.7984, -3.7776, 3.8466**.

A 20% lighter version of the original color is **90.4209, -12.8339, 46.1894**, and **51.2437, 12.9194, 31.8023** is the 20% darker color. If you saturate the color by 10%, you get **70.6381, 17.1434, 43.0309**, and if you desaturate by 10%, it is **76.1392, 8.9515, 41.6771**.

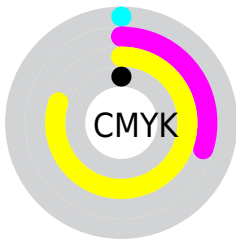
Distribution



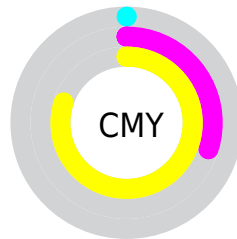
- Red (100%)
- Green (70%)
- Blue (20%)



- Red (67%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (30%)
- Yellow (80%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.3070, 12.8375, 42.8631 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 73.3070, 12.8375, 42.8631 by changing the saturation by 10% instead.


 73.3070, 12.8375,
42.8631


 73.3070, 12.8375,
42.8631


200.2810, 12.2360,
79.6692


 61.9640, 12.6065,
38.0265


 97.8239, 13.0785,
51.9540


 51.2734, 12.2992,
32.9631


 110.9372, 13.1081,
56.2530


 41.2801, 11.9015,
27.6648


 124.5892, 13.0822,
60.4146

 32.0365, 11.4001,
22.4255

 138.7593, 13.0045,
64.4555

 23.6091, 10.7775,
16.5264

 153.4293, 12.8784,
68.3900

 16.0865, 10.0105,
11.2606

 168.5827, 12.7067,

 9.5944, 9.0711,

72.2304

6.7161

184.2045, 12.4918,
75.9871

0.0000, INF, NaN

0.0000, NaN, NaN

■ 73.3070, 12.8375,
42.8631

■ 73.3070, 12.8375,
42.8631

■ 70.6381, 17.1434,
43.0309

■ 76.1392, 8.9515,
41.6771

■ 68.1208, 21.7947,
42.3571

■ 79.1264, 5.5298,
39.4342

■ 68.1203, 21.7955,
42.3570

■ 82.2654, 2.5816,
36.1412

■ 85.5498, 0.1066,
31.8296

■ 88.9726, -1.9047,

26.5462

■ 92.5267, -3.4684,
20.3461

■ 96.2049, -4.6047,
13.2881

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



73.3089, 48.6182, 36.7324



73.3070, 12.8375, 42.8631



73.3089, -21.6947, 42.6476

Triad

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



73.3089, 12.8336, 42.8638



73.3089, -57.9004, -16.1213



73.3089, 51.0848, -55.4539

Complementary

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



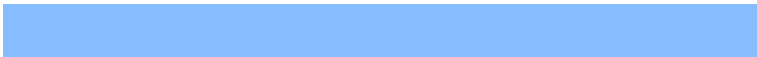
73.3070, 12.8375, 42.8631



48.0643, 16.1753, -86.8029

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.



73.3089, 15.7382, -87.6804



73.3070, 12.8375, 42.8631



73.3089, -44.8600, -58.6621

Square

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



73.3089, 12.8336, 42.8638



73.3089, -58.3855, 17.6745



73.3089, -19.2841, -89.0712



73.3089, 73.3401, -12.9770

Rectangle

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



73.3070, 12.8375, 42.8631



73.3089, -39.4849, 39.0936



73.3089, -19.2841, -89.0712



73.3089, 40.0719, -68.5647

Sweetspot

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



73.3089, 12.8336, 42.8638



91.0895, -2.8952, 22.9337



50.2178, 77.0472, 7.6885



41.5579, -1.0761, 11.6211

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.3089, 12.8336, 42.8638



69.1117, 19.9110, 42.6836



94.2235, -33.4614, 55.5032



44.5944, -2.1513, 5.9767



49.5410, 15.1477, 30.7921



16.1224, 3.4169, 9.9944

Inverse Universe

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



48.0643, 16.1753, -86.8029



40.8285, 28.5347, -111.7287



33.2805, 60.4007, -146.9797



42.9956, -2.3516, -1.4718



28.8275, 22.0004, -83.5244



10.0512, 4.4279, -22.1216

Previews

White Background



This preview shows how the HunterLab color 73.3070, 12.8375, 42.8631 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 73.3070, 12.8375, 42.8631 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 73.3070, 12.8375, 42.8631 Background



This preview shows how black text looks on a background with the HunterLab color 73.3070, 12.8375, 42.8631.



This preview shows how white text looks on a background with the HunterLab color 73.3070, 12.8375,

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

73.3070, 12.8375, 42.8631

Protanopia

73.3245, -9.2891, 42.0970

Deuteranopia

73.3047, 5.6515, 42.9188



Tritanopia

73.3234, 28.0868, 9.8875

Trichromacy



Original Color

73.3070, 12.8375, 42.8631

Protanomaly

73.2465, -1.9009, 42.2758

Deuteranomaly

73.2411, 8.3454, 42.8341

Tritanomaly

72.9749, 20.7180, 27.0048

Monochromacy



Original Color

73.3070, 12.8375, 42.8631

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

70.7905, -0.6331, 23.4712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.3070, 12.8375, 42.8631 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(255, 179, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 51)  
}
```

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(255, 179, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 73.3070, 12.8375, 42.8631 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(255, 179, 51) }
```


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

```
.border{ border-color:rgb(255, 179, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.3070, 12.8375, 42.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 51) }
```

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

```
.background{ background-color: rgb(255,  
179, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor