

Converting Colors

HunterLab(73.4189, 12.5950,
42.9997)

Have a look what the booklet for
HunterLab(73.4189, 12.5950,
42.9997) contains.

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Color

**HunterLab(73.3011, 12.8062,
42.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB332
RGB	255, 179, 50
RGB Percent	100%, 70%, 20%
CMY	0.0000, 0.2980, 0.8039
CMYK	0.00, 0.30, 0.80, 0.00
HSL	38°, 100%, 60%
HSV	38°, 80%, 100%
XYZ	57.9358, 53.7305, 10.3351
YIQ	187.0180, 86.7050, -24.0070

Conversions

Conversions Part 2

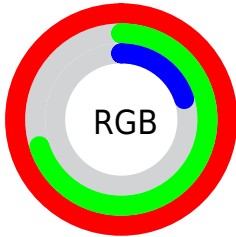
Format	Color
RYB	171, 255, 50
Decimal	16757554
CIELab	78.31, 17.45, 71.36
CIELCh	78, 73.465, 76.256
Yxy	53.7332, 0.4749, 0.4404
Android (android.graphics.Color)	4294947634 (0xFFFFB332)
YUV	187.0180, -67.5499, 59.6202
Hunter-Lab	73.3011, 12.8062, 42.9512

Details

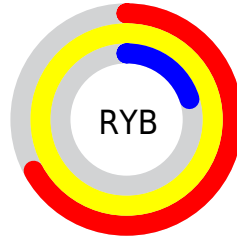
The HunterLab color **73.3011, 12.8062, 42.9512** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **47.7693, 16.6445, -87.6972**, and the grayscale version is **70.7521, -3.7752, 3.8441**.

A 20% lighter version of the original color is **90.4092, -12.8991, 46.3618**, and **51.2437, 12.9194, 31.8023** is the 20% darker color. If you saturate the color by 10%, you get **70.6474, 17.1036, 43.0835**, and if you desaturate by 10%, it is **76.1171, 8.9269, 41.8034**.

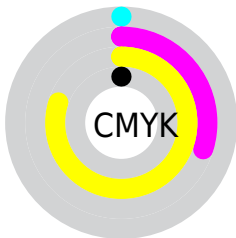
Distribution



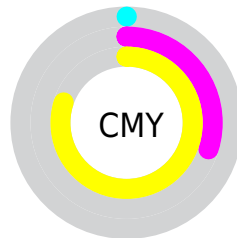
- Red (100%)
- Green (70%)
- Blue (20%)



- 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 73.3011, 12.8062, 42.9512 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 73.3011, 12.8062, 42.9512 by changing the saturation by 10% instead.


 73.3011, 12.8062,
42.9512


 73.3011, 12.8062,
42.9512


200.2728, 12.1942,
79.9084


 61.9584, 12.5766,
38.0945


 97.8174, 13.0446,
52.0804


 51.2682, 12.2707,
33.0107


 110.9304, 13.0730,
56.3975


 41.2752, 11.8745,
27.6951


 124.5821, 13.0458,
60.5765

 32.0320, 11.3747,
22.4224

 138.7520, 12.9670,
64.6340

 23.6051, 10.7538,
16.5236

 153.4217, 12.8398,
68.5846

 16.0830, 9.9885,
11.2581

 168.5749, 12.6670,

 9.5914, 9.0507,

72.4403

6.7140

184.1964, 12.4511,
76.2119

0.0000, INF, NaN

0.0000, NaN, NaN

■ 73.3011, 12.8062,
42.9512

■ 73.3011, 12.8062,
42.9512

■ 70.6474, 17.1036,
43.0835

■ 76.1171, 8.9269,
41.8034

■ 68.2384, 21.5555,
42.4256

■ 79.0872, 5.5107,
39.5988

■ 82.2085, 2.5677,
36.3422

■ 85.4747, 0.0981,
32.0640

■ 88.8791, -1.9075,

26.8099

■ 92.4144, -3.4646,
20.6345

■ 96.0737, -4.5932,
13.5964

99.8500, -5.3155,
5.7547

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.



73.3030, 48.7764, 36.8496



73.3011, 12.8062, 42.9512



73.3030, -21.8520, 42.7206

Triad

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



73.3030, 12.8023, 42.9519



73.3030, -58.0666, -16.3326



73.3030, 51.4354, -55.6593

Complementary

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



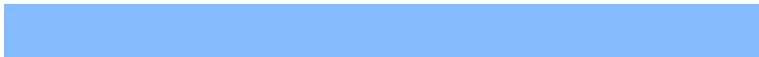
73.3011, 12.8062, 42.9512



47.7693, 16.6445, -87.6972

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.



73.3030, 15.9315, -88.1613



73.3011, 12.8062, 42.9512



73.3030, -44.9546, -59.1214

Square

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



73.3030, 12.8023, 42.9519



73.3030, -58.5880, 17.6520



73.3030, -19.2570, -89.6630



73.3030, 73.7547, -12.9435

Rectangle

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



73.3011, 12.8062, 42.9512



73.3030, -39.6822, 39.1576



73.3030, -19.2570, -89.6630



73.3030, 40.3763, -68.8679

Sweetspot

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



73.3030, 12.8023, 42.9519



91.1239, -2.9531, 22.9664



50.1153, 77.2640, 7.8328



41.5761, -1.1068, 11.6379

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.3030, 12.8023, 42.9519



69.2268, 19.6806, 42.7509



94.2086, -33.5271, 55.5645



44.6009, -2.1621, 5.9836



49.6254, 14.9771, 30.8412



16.1467, 3.3702, 10.0085

Inverse Universe

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



47.7693, 16.6445, -87.6972



40.7224, 28.7914, -112.1478



33.0972, 60.7768, -148.0198



42.9891, -2.3408, -1.4797



28.7506, 22.1912, -83.8403



10.0276, 4.4787, -22.2018

Previews

White Background



This preview shows how the HunterLab color 73.3011, 12.8062, 42.9512 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 73.3011, 12.8062, 42.9512 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 73.3011, 12.8062, 42.9512 Background



This preview shows how black text looks on a background with the HunterLab color 73.3011, 12.8062, 42.9512.



This preview shows how white text looks on a background with the HunterLab color 73.3011, 12.8062,

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

73.3011, 12.8062, 42.9512

Protanopia

73.3180, -9.3251, 42.1927

Deuteranopia

73.2990, 5.6210, 43.0031



Tritanopia

73.3234, 28.0868, 9.8875

Trichromacy



Original Color

73.3011, 12.8062, 42.9512

Protanomaly

73.2401, -1.9356, 42.3697

Deuteranomaly

73.2353, 8.3145, 42.9204

Tritanomaly

72.9749, 20.7180, 27.0048

Monochromacy



Original Color

73.3011, 12.8062, 42.9512

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

70.7702, -0.7438, 23.7675

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.3011, 12.8062, 42.9512 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 73.3011, 12.8062, 42.9512 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, 50) }
```


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

```
.border{ border-color:rgb(255, 179, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 50);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.3011, 12.8062, 42.9512 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, 50) }
```

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

```
.background{ background-color: rgb(255,  
179, 50) }
```

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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