

Converting Colors

HunterLab(73.0722, 12.1145,
45.2388)

Have a look what the booklet for
HunterLab(73.0722, 12.1145,
45.2388) contains.

HunterLab(73.1438, 11.9797, 45.2806)	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(73.1438, 11.9797,
45.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB300
RGB	255, 179, 0
RGB Percent	100%, 70%, 0%
CMY	0.0000, 0.2980, 0.9999
CMYK	0.00, 0.30, 1.00, 0.00
HSL	42°, 100%, 50%
HSV	42°, 100%, 100%
XYZ	57.3600, 53.5002, 7.3034
YIQ	181.3180, 102.7550, -39.5570

Conversions

Conversions Part 2

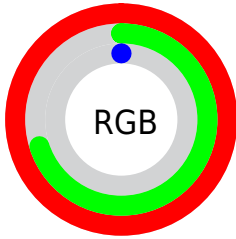
Format	Color
R _Y B	108, 255, 0
Decimal	16757504
CIE Lab	78.17, 16.63, 81.10
CIE LCh	78, 82.785, 78.414
Yxy	53.5029, 0.4854, 0.4528
Android (android.graphics.Color)	4294947584 (0xFFFFB300)
YUV	181.3180, -89.3898, 64.6191
Hunter-Lab	73.1438, 11.9797, 45.2806

Details

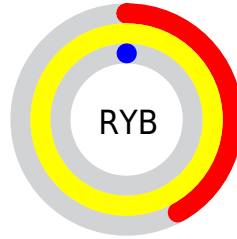
The HunterLab color **73.1438, 11.9797, 45.2806** is a dark color, and the websafe version is hex **FFCC33**, and the color name is **ucla gold**. The color can be described as middle saturated orange. A complement of this color would be **35.2000, 43.0418, -136.9099**, and the grayscale version is **68.4432, -3.6520, 3.7187**.

A 20% lighter version of the original color is **90.1587, -14.2958, 50.0555**, and **51.3665, 12.0227, 31.8623** is the 20% darker color. If you saturate the color by 10%, you get **73.1441, 11.9785, 45.2808**, and if you desaturate by 10%, it is **75.3036, 8.3281, 45.8001**.

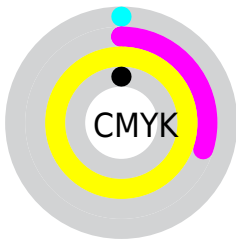
Distribution



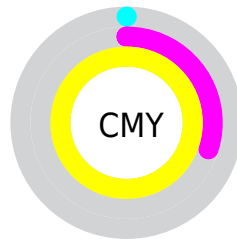
- Red (100%)
- Green (70%)
- Blue (0%)



- Red (42%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (30%)
- Yellow (100%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.1438, 11.9797, 45.2806 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 73.1438, 11.9797, 45.2806 by changing the saturation by 10% instead.


 73.1438, 11.9797,
45.2806

 73.1438, 11.9797,
45.2806


200.0529, 11.0906,
86.7212

 61.8097, 11.7865,
39.8405


 97.6442, 12.1493,
55.5352

 51.1286, 11.5187,
34.1741


 110.7498, 12.1451,
60.3870


 41.1454, 11.1624,
28.6048

 124.3944, 12.0865,
65.0810

 31.9126, 10.7045,
22.3389

 138.5574, 11.9772,
69.6345

 23.4973, 10.1275,
16.4481

 153.2205, 11.8203,
74.0627

 15.9882, 9.4079,
11.1917

 168.3672, 11.6187,

 9.5116, 8.5162,

78.3790

6.6581

183.9826, 11.3748,
82.5951

0.0000, INF, NaN

0.0000, NaN, NaN

■ 73.1438, 11.9797,
45.2806

■ 73.1438, 11.9797,
45.2806

■ 73.1441, 11.9785,
45.2808

■ 75.3036, 8.3281,
45.8001

■ 77.5723, 5.0179,
45.4921

■ 79.9619, 2.1251,
44.1692

■ 82.4742, -0.3185,
41.7745

■ 85.1084, -2.2976,

38.2919

■ 87.8622, -3.8081,
33.7317

■ 90.7325, -4.8546,
28.1221

■ 93.7154, -5.4476,
21.5027

■ 96.8066, -5.6020,
13.9205

Harmonies

Analogous

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



73.1457, 53.6211, 40.0223



73.1438, 11.9797, 45.2806



73.1457, -26.3796, 44.7057

Triad

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



73.1457, 11.9758, 45.2812



73.1457, -62.9072, -22.7067



73.1457, 61.9897, -62.0155

Complementary

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



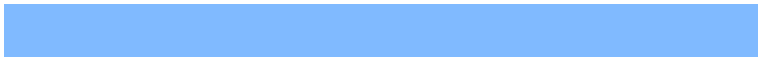
73.1438, 11.9797, 45.2806



35.2000, 43.0418, -136.9099

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.



73.1457, 21.6565, -103.0496



73.1438, 11.9797, 45.2806



73.1457, -47.7899, -73.2662

Square

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



73.1457, 11.9758, 45.2812



73.1457, -64.4178, 17.0531



73.1457, -18.5401, -108.0037



73.1457, 86.3268, -12.0610

Rectangle

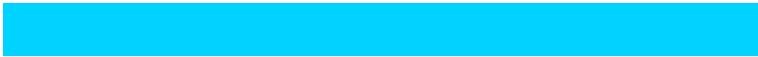
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1438, 11.9797, 45.2806



73.1457, -45.3590, 40.9773



73.1457, -18.5401, -108.0037



73.1457, 49.5025, -78.2346

Sweetspot

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



73.1457, 11.9758, 45.2812



90.7308, -4.8540, 28.1267



46.6789, 81.0699, 21.3786



41.4099, -2.0674, 14.1649

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.1457, 11.9758, 45.2812



73.1444, 11.9786, 45.2810



91.8462, -42.8354, 55.8449



44.8585, -2.5902, 6.2581



53.1307, 8.1759, 32.8820



17.1447, 1.5122, 10.5910

Inverse Universe

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



35.2000, 43.0418, -136.9099



35.1974, 43.0492, -136.9245



28.1505, 73.8518, -180.6196



42.7318, -1.9123, -1.7990



25.8818, 29.8436, -96.7738



9.1272, 6.5410, -25.5284

Previews

White Background



This preview shows how the HunterLab color 73.1438, 11.9797, 45.2806 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 73.1438, 11.9797, 45.2806 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 73.1438, 11.9797, 45.2806 Background



This preview shows how black text looks on a background with the HunterLab color 73.1438, 11.9797, 45.2806.



This preview shows how white text looks on a background with the HunterLab color 73.1438, 11.9797,

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

73.1438, 11.9797, 45.2806

Protanopia

73.2674, -9.8176, 44.5784

Deuteranopia

73.2758, 5.2521, 45.2442



Tritanopia

73.0381, 28.4854, 10.0171

Trichromacy



Original Color

73.1438, 11.9797, 45.2806

Protanomaly

73.1935, -2.4177, 44.8266

Deuteranomaly

73.2090, 7.9245, 45.2498

Tritanomaly

72.3774, 19.5333, 31.6538

Monochromacy



Original Color

73.1438, 11.9797, 45.2806

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.7679, -2.4264, 28.3478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.1438, 11.9797, 45.2806 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 73.1438, 11.9797, 45.2806 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, 0) }
```


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

```
.border{ border-color:rgb(255, 179, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.1438, 11.9797, 45.2806 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, 0) }
```

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

```
.background{ background-color: rgb(255,  
179, 0) }
```

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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