

Converting Colors

HunterLab(72.9466, 13.6381,
42.8774)

Have a look what the booklet for
HunterLab(72.9466, 13.6381,
42.8774) contains.

HunterLab(73.0166, 13.2624, 42.9540)	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(73.0166, 13.2624,
42.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB230
RGB	255, 178, 48
RGB Percent	100%, 70%, 19%
CMY	0.0000, 0.3019, 0.8117
CMYK	0.00, 0.30, 0.81, 0.00
HSL	38°, 100%, 59%
HSV	38°, 81%, 100%
XYZ	57.6939, 53.3142, 10.0462
YIQ	186.2030, 87.6220, -24.1060

Conversions

Conversions Part 2

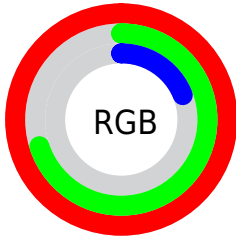
Format	Color
R _Y B	171, 255, 48
Decimal	16757296
CIE Lab	78.06, 17.92, 71.80
CIE LCh	78, 74.000, 75.989
Yxy	53.3169, 0.4766, 0.4404
Android (android.graphics.Color)	4294947376 (0xFFFFB230)
YUV	186.2030, -68.1341, 60.3350
Hunter-Lab	73.0166, 13.2624, 42.9540

Details

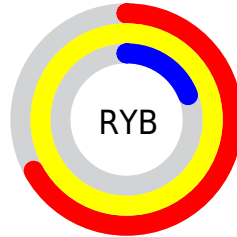
The HunterLab color **73.0166, 13.2624, 42.9540** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **47.4501, 17.0365, -88.6770**, and the grayscale version is **70.4113, -3.7570, 3.8256**.

A 20% lighter version of the original color is **90.0697, -12.5294, 46.4837**, and **50.9948, 13.4104, 31.6575** is the 20% darker color. If you saturate the color by 10%, you get **70.3692, 17.6076, 43.0081**, and if you desaturate by 10%, it is **75.8270, 9.3315, 41.8900**.

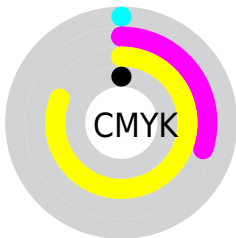
Distribution



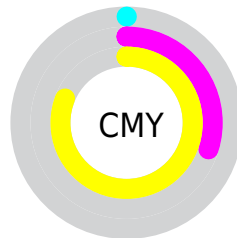
- Red (100%)
- Green (70%)
- Blue (19%)



- Red (67%)
- Yellow (100%)
- Blue (19%)



- Cyan (0%)
- Magenta (30%)
- Yellow (81%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.0166, 13.2624, 42.9540 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 73.0166, 13.2624, 42.9540 by changing the saturation by 10% instead.


 73.0166, 13.2624,
42.9540


 73.0166, 13.2624,
42.9540


199.8749, 12.8195,
80.1386


 61.6894, 13.0101,
38.0654


 97.5041, 13.5432,
52.1428

 51.0157, 12.6804,
32.9488


 110.6038, 13.5915,
56.4875


 41.0404, 12.2589,
27.6105


 124.2425, 13.5836,
60.6926

 31.8162, 11.7324,
22.2713

 138.4000, 13.5234,
64.7752

 23.4102, 11.0829,
16.3872

 153.0577, 13.4142,
68.7494

 15.9116, 10.2874,
11.1381

 168.1992, 13.2588,

 9.4472, 9.3187,

72.6279

6.6131

183.8095, 13.0599,
76.4212

0.0000, INF, NaN

0.0000, NaN, NaN

■ 73.0166, 13.2624,
42.9540

■ 73.0166, 13.2624,
42.9540

■ 70.3692, 17.6076,
43.0081

■ 75.8270, 9.3315,
41.8900

■ 68.1571, 21.7207,
42.3784

■ 78.7926, 5.8621,
39.7707

■ 81.9104, 2.8654,
36.5986

■ 85.1741, 0.3426,
32.4028

■ 88.5769, -1.7151,

27.2286

■ 92.1117, -3.3231,
21.1302

■ 95.7713, -4.5010,
14.1661

■ 99.5487, -5.2710,
6.3957

■ 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.



73.0184, 49.4582, 36.8191



73.0166, 13.2624, 42.9540



73.0184, -21.6613, 42.7742

Triad

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



73.0184, 13.2585, 42.9547



73.0184, -58.3358, -16.1277



73.0184, 51.5698, -56.5732

Complementary

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



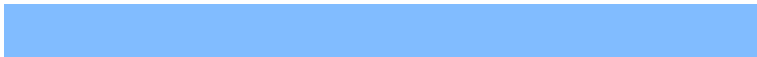
73.0166, 13.2624, 42.9540



47.4501, 17.0365, -88.6770

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.



73.0184, 15.7402, -89.2431



73.0166, 13.2624, 42.9540



73.0184, -45.3052, -59.3297

Square

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



73.0184, 13.2585, 42.9547



73.0184, -58.7472, 17.9344



73.0184, -19.6072, -90.4403



73.0184, 74.2570, -13.4367

Rectangle

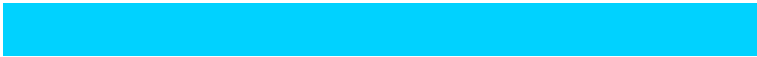
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0166, 13.2624, 42.9540



73.0184, -39.6382, 39.2811



73.0184, -19.6072, -90.4403



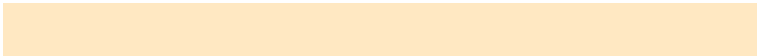
73.0184, 40.3886, -69.8838

Sweetspot

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



73.0184, 13.2585, 42.9547



91.1002, -2.9132, 22.9439



49.9157, 77.6840, 8.1247



41.5636, -1.0857, 11.6263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.0184, 13.2585, 42.9547



68.8986, 20.3096, 42.6215



94.1790, -33.6568, 55.6827



44.5964, -2.1547, 5.9788



49.5673, 15.0945, 30.8074



16.1300, 3.4023, 9.9988

Inverse Universe

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



47.4501, 17.0365, -88.6770



40.3946, 29.4848, -113.4554



32.7383, 61.5200, -150.0856



42.9936, -2.3482, -1.4743



28.8035, 22.0599, -83.6229



10.0438, 4.4437, -22.1466

Previews

White Background



This preview shows how the HunterLab color 73.0166, 13.2624, 42.9540 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 73.0166, 13.2624, 42.9540 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 73.0166, 13.2624, 42.9540 Background



This preview shows how black text looks on a background with the HunterLab color 73.0166, 13.2624, 42.9540.



This preview shows how white text looks on a background with the HunterLab color 73.0166, 13.2624,

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

73.0166, 13.2624, 42.9540

Protanopia

73.2006, -9.7679, 42.3034

Deuteranopia

72.8774, 5.6324, 42.9855



Tritanopia

73.0101, 28.3443, 10.4191

Trichromacy



Original Color

73.0166, 13.2624, 42.9540

Protanomaly

72.9345, -1.5066, 42.3695

Deuteranomaly

72.8143, 8.3232, 42.9088

Tritanomaly

72.6726, 21.0520, 27.3392

Monochromacy



Original Color

73.0166, 13.2624, 42.9540

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.3516, -0.7144, 23.7076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.0166, 13.2624, 42.9540 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, 178, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 48)  
}
```

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, 178, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 73.0166, 13.2624, 42.9540 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, 178, 48) }
```


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

```
.border{ border-color:rgb(255, 178, 48) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.0166, 13.2624, 42.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 48) }
```

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

```
.background{ background-color: rgb(255,  
178, 48) }
```

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