

# Converting Colors

HunterLab(74.9007, 5.5542,  
42.0473)

Have a look what the booklet for  
HunterLab(74.9007, 5.5542,  
42.0473) contains.

<b>HunterLab(74.9305, 5.5009, 42.0664)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(74.9305, 5.5009,  
42.0664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7BC43
RGB	247, 188, 67
RGB Percent	97%, 74%, 26%
CMY	0.0314, 0.2627, 0.7372
CMYK	0.00, 0.24, 0.73, 0.03
HSL	40°, 92%, 62%
HSV	40°, 73%, 97%
XYZ	57.3541, 56.1458, 13.1245
YIQ	191.8470, 74.0050, -25.1230

# Conversions

## Conversions Part 2

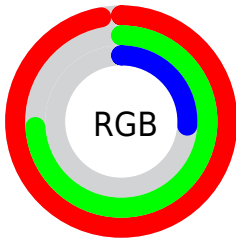
Format	Color
<a href="#">RYB</a>	<a href="#">155, 247, 67</a>
Decimal	<a href="#">16235587</a>
CIELab	<a href="#">79.70, 10.03, 66.20</a>
CIELCh	<a href="#">80, 66.954, 81.386</a>
Yxy	<a href="#">56.1486, 0.4529, 0.4434</a>
Android (android.graphics.Color)	<a href="#">4294425667</a> ( <a href="#">0xFFF7BC43</a> )
YUV	<a href="#">191.8470, -61.5496, 48.3692</a>
Hunter-Lab	<a href="#">74.9305, 5.5009, 42.0664</a>

# Details

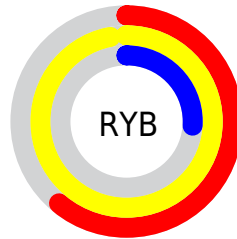
The HunterLab color **74.9305, 5.5009, 42.0664** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **47.7802, 15.6229, -79.4768**, and the grayscale version is **72.7694, -3.8828, 3.9537**.

A 20% lighter version of the original color is **93.4701, -16.3278, 45.6306**, and **52.6944, 5.7284, 32.5704** is the 20% darker color. If you saturate the color by 10%, you get **72.4914, 8.7771, 43.0076**, and if you desaturate by 10%, it is **77.5031, 2.6478, 40.1095**.

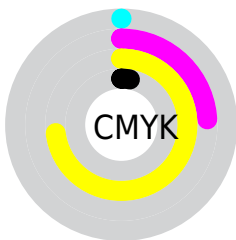
# Distribution



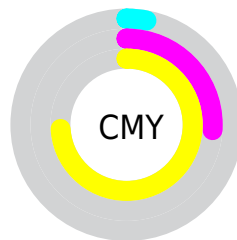
- Red (97%)
- Green (74%)
- Blue (26%)



- Red (61%)
- Yellow (97%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (3%)



- Cyan (3%)
- Magenta (26%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9305, 5.5009, 42.0664 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 74.9305, 5.5009, 42.0664 by changing the saturation by 10% instead.



74.9305, 5.5009,  
42.0664

74.9305, 5.5009,  
42.0664

202.5466, 2.2606,  
76.5181

63.4996, 5.6233,  
37.5559

99.6101, 5.0814,  
50.5469

52.7160, 5.6871,  
32.8287

112.7995, 4.7999,  
54.5620

42.6230, 5.6814,  
27.8612

126.5245, 4.4740,  
58.4530

33.2718, 5.5964,  
23.0104

140.7650, 4.1062,  
62.2354

24.7265, 5.4185,  
17.3086

155.5030, 3.6991,  
65.9226

17.0720, 5.1285,  
11.9504

170.7222, 3.2547,

10.4272, 4.6962,

69.5259

7.2991

186.4079, 2.7746,  
73.0550

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.9305, 5.5009,  
42.0664

■ 74.9305, 5.5009,  
42.0664

■ 72.4914, 8.7771,  
43.0076

■ 77.5031, 2.6478,  
40.1095

■ 70.1794, 12.4509,  
42.9930

■ 80.2022, 0.2460,  
37.1186


■ 68.6028, 15.2515,  
42.5397


■ 83.0262, -1.7034,  
33.1066


■ 85.9710, -3.2046,  
28.1039


■ 89.0318, -4.2686,

22.1524

 92.2037, -4.9108,  
15.3009

 95.4814, -5.1492,  
7.6013

 98.5386, -6.7657,  
3.6758

 99.2542, -7.9398,  
4.5066

# Harmonies

## Analogous

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



74.9323, 38.6770, 37.0449



74.9305, 5.5009, 42.0664



74.9323, -25.2660, 40.8034

# Triad

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



74.9323, 5.4974, 42.0671



74.9323, -53.3720, -20.7289



74.9323, 50.7626, -42.7649

# Complementary

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



74.9305, 5.5009, 42.0664



47.7802, 15.6229, -79.4768

# 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.



74.9323, 19.9337, -74.0841



74.9305, 5.5009, 42.0664



74.9323, -38.8545, -58.0665

# Square

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



74.9323, 5.4974, 42.0671



74.9323, -55.9119, 12.3740



74.9323, -13.0509, -80.6304



74.9323, 67.5531, -5.2887



# Rectangle

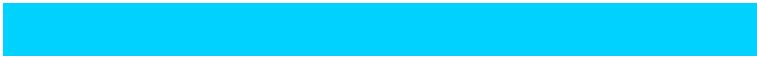
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9305, 5.5009, 42.0664



74.9323, -40.6946, 36.1751



74.9323, -13.0509, -80.6304



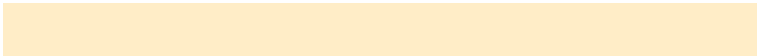
74.9323, 41.4740, -54.9210

# Sweetspot

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



74.9323, 5.4974, 42.0671



92.5871, -4.4983, 22.4109



50.3201, 68.7151, 8.5513



42.4296, -1.9674, 11.1974

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.9323, 5.4974, 42.0671



74.1252, 10.6822, 44.7029



90.3759, -33.9468, 51.6109



42.8307, -2.3117, 5.8675



50.1604, 10.5697, 31.0937



15.4869, 1.9731, 9.5775



# Inverse Universe

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



47.7802, 15.6229, -79.4768



42.2197, 26.8305, -106.3742



36.4302, 52.4982, -119.8442



41.0045, -1.9995, -1.5796



26.2489, 25.7946, -88.4921



8.8626, 4.9742, -21.8153



# Previews

## White Background



This preview shows how the HunterLab color 74.9305, 5.5009, 42.0664 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 74.9305, 5.5009, 42.0664 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 74.9305, 5.5009, 42.0664 Background



This preview shows how black text looks on a background with the HunterLab color 74.9305, 5.5009, 42.0664.



This preview shows how white text looks on a background with the HunterLab color 74.9305, 5.5009,



# 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

74.9305, 5.5009, 42.0664

### Protanopia

74.9683, -9.4815, 41.4466

### Deuteranopia

74.9305, 5.5009, 42.0664



## Tritanopia

74.8230, 26.3936, 8.4181

# Trichromacy



## Original Color

74.9305, 5.5009, 42.0664

## Protanomaly

74.7236, -4.1621, 41.5042

## Deuteranomaly

74.9305, 5.5009, 42.0664

## Tritanomaly

74.4193, 17.4631, 24.8204

# Monochromacy



## Original Color

74.9305, 5.5009, 42.0664

## Achromatopsia

72.6027, -3.8739, 3.9446

## Achromatomaly

73.0515, -3.1038, 22.5559

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9305, 5.5009, 42.0664 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(247, 188, 67)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 67)  
}
```

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(247, 188, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 67) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9305, 5.5009, 42.0664 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(247, 188, 67) }
```



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

```
.border{ border-color:rgb(247, 188, 67) }
```

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

Here you see how a box with a 4 pixel rgb(247, 188, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 67);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
67) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9305, 5.5009, 42.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 67) }
```

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

```
.background{ background-color: rgb(247,  
188, 67) }
```

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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