

# Converting Colors

HunterLab(76.9740, -4.3277,  
47.3553)

Have a look what the booklet for  
HunterLab(76.9740, -4.3277,  
47.3553) contains.

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# Color

**HunterLab(77.0533, -4.2842,  
47.4049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C700
RGB	240, 199, 0
RGB Percent	94%, 78%, 0%
CMY	0.0588, 0.2196, 0.9999
CMYK	0.00, 0.17, 1.00, 0.06
HSL	50°, 100%, 47%
HSV	50°, 100%, 94%
XYZ	56.3586, 59.3721, 8.4895
YIQ	188.5730, 88.3150, -53.1970

# Conversions

## Conversions Part 2

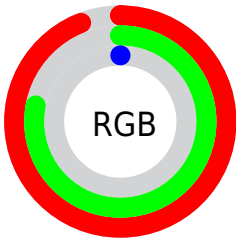
Format	Color
<a href="#">RYB</a>	49, 240, 0
Decimal	15779584
CIELab	81.50, -0.18, 82.65
CIELCh	81, 82.653, 90.128
Yxy	59.3750, 0.4537, 0.4780
Android (android.graphics.Color)	4293969664 (0xFFFF0C700)
YUV	188.5730, -92.9665, 45.1015
Hunter-Lab	77.0533, -4.2842, 47.4049

# Details

The HunterLab color **77.0533, -4.2842, 47.4049** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **28.0683, 55.9506, -155.8613**, and the grayscale version is **71.5114, -3.8157, 3.8853**.

A 20% lighter version of the original color is **96.6622, -23.9400, 53.8722**, and **54.9013, -2.2147, 33.7911** is the 20% darker color. If you saturate the color by 10%, you get **77.0540, -4.2858, 47.4053**, and if you desaturate by 10%, it is **78.3283, -6.0827, 47.5040**.

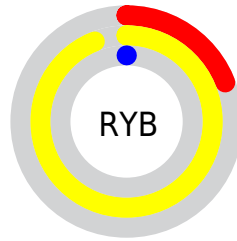
# Distribution



Red (94%)

Green (78%)

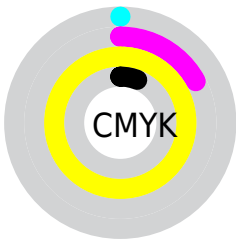
Blue (0%)



Red (19%)

Yellow (94%)

Blue (0%)

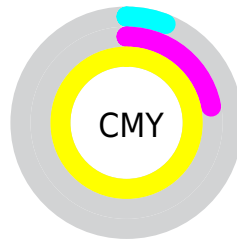


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0533, -4.2842, 47.4049 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 77.0533, -4.2842, 47.4049 by changing the saturation by 10% instead.



77.0533, -4.2842,  
47.4049

77.0533, -4.2842,  
47.4049

205.4970,  
-11.2144, 89.1423

65.5096, -3.6619,  
41.9484

101.9424, -5.6337,  
57.7055

54.6063, -3.0699,  
36.2684

115.2297, -6.3512,  
62.5864

44.3856, -2.5138,  
30.4970

129.0489, -7.0969,  
67.3126

34.8967, -1.9959,  
24.4277

143.3802, -7.8697,  
71.9009

26.2009, -1.5194,  
18.3406

158.2059, -8.6686,  
76.3658

18.3786, -1.0882,  
12.8650

173.5101, -9.4928,

11.5411, -0.7077,

80.7204

8.0788

189.2782,  
-10.3417, 84.9759

■ 4.0714, -0.4148,  
2.8499

0.0000, NaN, NaN

■ 77.0533, -4.2842,  
47.4049

■ 77.0533, -4.2842,  
47.4049

■ 77.0540, -4.2858,  
47.4053

■ 78.3283, -6.0827,  
47.5040

■ 79.6644, -7.5917,  
46.8730

■ 81.0763, -8.7389,  
45.3196

■ 82.5697, -9.4898,  
42.7627

■ 84.1478, -9.8222,  
39.1544

■ 85.8128, -9.7232,  
34.4707

■ 87.5655, -9.1871,  
28.7059

■ 89.4061, -8.2139,  
21.8685

■ 91.3342, -6.8084,  
13.9781

# Harmonies

## Analogous

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



77.0552, 38.1894, 44.5490



77.0533, -4.2842, 47.4049



77.0552, -39.1360, 44.4951

# Triad

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



77.0552, -4.2876, 47.4055



77.0552, -60.1255, -42.4731



77.0552, 74.8275, -42.0330

# Complementary

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



77.0533, -4.2842, 47.4049



28.0683, 55.9506, -155.8613

# 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.



77.0552, 38.5489, -90.0853



77.0533, -4.2842, 47.4049



77.0552, -38.8937, -90.4181

# Square

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



77.0552, -4.2876, 47.4055



77.0552, -67.0748, 4.0305



77.0552, -3.9435, -111.1744



77.0552, 89.1851, 4.3578



# Rectangle

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



77.0533, -4.2842, 47.4049



77.0552, -54.8290, 37.9648



77.0552, -3.9435, -111.1744



77.0552, 64.4697, -59.2317

# Sweetspot

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



77.0552, -4.2876, 47.4055



93.7862, -9.8506, 30.8242



43.2523, 74.4886, 24.6870



43.0172, -4.6952, 15.5321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.0552, -4.2876, 47.4055



82.5034, -4.5204, 50.7590



83.7931, -47.6430, 50.7984



42.3942, -3.1178, 6.2795



57.1618, -3.4216, 35.1629



16.8472, -1.5768, 10.3535



# Inverse Universe

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



28.0683, 55.9506, -155.8613



29.9811, 60.2633, -167.5650



27.9800, 70.3961, -156.2120



39.5791, -1.0933, -2.1779



21.0783, 40.2548, -113.2447



7.0323, 8.5144, -27.1698



# Previews

## White Background



This preview shows how the HunterLab color 77.0533, -4.2842, 47.4049 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

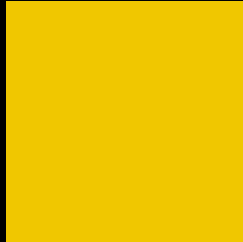
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.0533, -4.2842, 47.4049 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 77.0533, -4.2842, 47.4049 Background



This preview shows how black text looks on a background with the HunterLab color 77.0533, -4.2842, 47.4049.



This preview shows how white text looks on a background with the HunterLab color 77.0533, -4.2842,



# 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

77.0533, -4.2842, 47.4049

### Protanopia

77.0647, -10.4387, 47.1053

### Deuteranopia

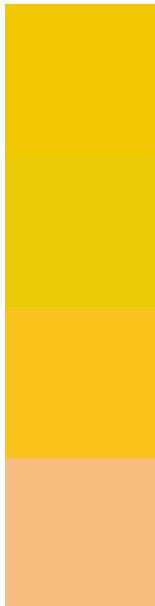
76.8937, 5.8974, 45.7958



## Tritanopia

77.0264, 21.4917, 6.2485

# Trichromacy



## Original Color

77.0533, -4.2842, 47.4049

## Protanomaly

77.1867, -8.4455, 47.2819

## Deuteranomaly

77.0930, 2.0128, 46.7421

## Tritanomaly

76.2452, 8.4479, 31.5162

# Monochromacy



## Original Color

77.0533, -4.2842, 47.4049

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

72.7364, -8.3339, 30.1896

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.0533, -4.2842, 47.4049 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(240, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 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(240, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.0533, -4.2842, 47.4049 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(240, 199, 0) }
```



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

```
.border{ border-color:rgb(240, 199, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.0533, -4.2842, 47.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 0) }
```

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

```
.background{ background-color: rgb(240,  
199, 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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