

# Converting Colors

HunterLab(77.8897, -2.8561,  
47.9453)

Have a look what the booklet for  
HunterLab(77.8897, -2.8561,  
47.9453) contains.

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# Color

**HunterLab(77.9237, -2.7946,  
47.9673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5C800
RGB	245, 200, 0
RGB Percent	96%, 78%, 0%
CMY	0.0392, 0.2157, 0.9999
CMYK	0.00, 0.18, 1.00, 0.04
HSL	49°, 100%, 48%
HSV	49°, 100%, 96%
XYZ	58.3104, 60.7210, 8.6470
YIQ	190.6550, 91.0200, -52.6600

# Conversions

## Conversions Part 2

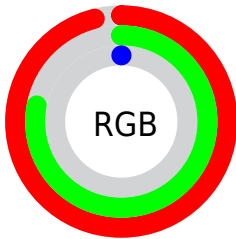
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 245, 0
Decimal	16107520
CIE Lab	82.23, 1.45, 83.39
CIE LCh	82, 83.404, 89.003
Yxy	60.7240, 0.4567, 0.4756
Android (android.graphics.Color)	4294297600 (0xFFFF5C800)
YUV	190.6550, -93.9929, 47.6606
Hunter-Lab	77.9237, -2.7946, 47.9673

# Details

The HunterLab color **77.9237, -2.7946, 47.9673** 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 **29.1044, 55.9094, -157.0673**, and the grayscale version is **72.3939, -3.8628, 3.9333**.

A 20% lighter version of the original color is **96.6705, -23.8930, 53.7499**, and **55.6190, -1.1746, 34.2516** is the 20% darker color. If you saturate the color by 10%, you get **77.9243, -2.7961, 47.9676**, and if you desaturate by 10%, it is **79.3141, -4.8030, 48.1214**.

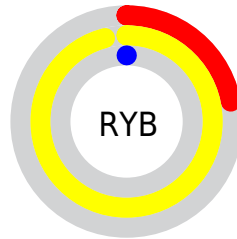
# Distribution



Red (96%)

Green (78%)

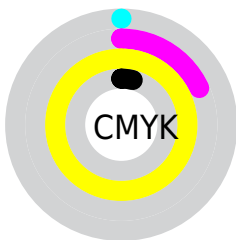
Blue (0%)



Red (22%)

Yellow (96%)

Blue (0%)

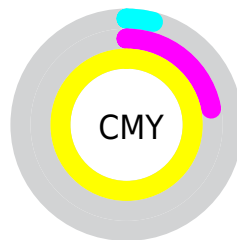


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.9237, -2.7946, 47.9673 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 77.9237, -2.7946, 47.9673 by changing the saturation by 10% instead.



77.9237, -2.7946,  
47.9673

77.9237, -2.7946,  
47.9673

206.7030, -9.1552,  
89.9488

66.3344, -2.2498,  
42.4845

102.8976, -4.0003,  
58.3224

55.3827, -1.7397,  
36.7790

116.2246, -4.6505,  
63.2309

45.1105, -1.2709,  
30.9653

130.0820, -5.3314,  
67.9848

35.5660, -0.8470,  
24.8962

144.4501, -6.0416,  
72.6005

26.8096, -0.4728,  
18.7667

159.3114, -6.7801,  
77.0927

18.9200, -0.1550,  
13.2440

174.6501, -7.5458,

12.0056, 0.0962,

81.4742

8.4039

190.4517, -8.3377,  
85.7562

■ 4.9688, 1.0072,  
3.4782

0.0000, NaN, NaN

■ 77.9237, -2.7946,  
47.9673

■ 77.9237, -2.7946,  
47.9673

■ 77.9243, -2.7961,  
47.9676

■ 79.3141, -4.8030,  
48.1214

■ 80.7701, -6.5112,  
47.5213

■ 82.3065, -7.8460,  
45.9731

■ 83.9286, -8.7723,  
43.3958

■ 85.6398, -9.2685,  
39.7434

■ 87.4416, -9.3222,  
34.9947

■ 89.3348, -8.9285,  
29.1472

■ 91.3193, -8.0886,  
22.2127

■ 93.3941, -6.8082,  
14.2141

# Harmonies

## Analogous

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



77.9256, 40.2930, 44.8405



77.9237, -2.7946, 47.9673



77.9256, -38.5403, 45.2659

# Triad

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



77.9256, -2.7981, 47.9679



77.9256, -61.3965, -41.0824



77.9256, 74.7537, -44.5607

# Complementary

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



77.9237, -2.7946, 47.9673



29.1044, 55.9094, -157.0673

# 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.



77.9256, 37.4520, -92.7743



77.9237, -2.7946, 47.9673



77.9256, -40.4538, -90.1433

# Square

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



77.9256, -2.7981, 47.9679



77.9256, -67.9032, 5.5237



77.9256, -5.5168, -112.6625



77.9256, 90.3496, 2.9375



# Rectangle

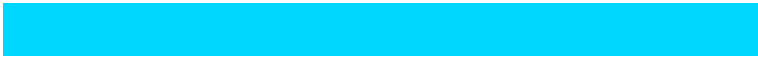
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9237, -2.7946, 47.9673



77.9256, -54.7966, 38.9427



77.9256, -5.5168, -112.6625



77.9256, 64.0059, -61.9618

# Sweetspot

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



77.9256, -2.7981, 47.9679



93.4748, -9.3485, 30.5519



44.3111, 76.3819, 24.7507



42.8532, -4.4314, 15.3940

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



77.9256, -2.7981, 47.9679



81.5187, -2.8761, 50.1811



86.0344, -47.7410, 52.1777



43.3193, -3.1190, 6.3855



57.3602, -2.3296, 35.3043



17.3871, -1.3233, 10.6907



# Inverse Universe

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



29.1044, 55.9094, -157.0673



30.3969, 58.7306, -164.7761



28.3368, 71.7871, -162.0293



40.5203, -1.1880, -2.1842



21.6943, 39.8414, -113.1221



7.3911, 8.7392, -28.1037



# Previews

## White Background



This preview shows how the HunterLab color 77.9237, -2.7946, 47.9673 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 77.9237, -2.7946, 47.9673 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 77.9237, -2.7946, 47.9673 Background



This preview shows how black text looks on a background with the HunterLab color 77.9237, -2.7946, 47.9673.



This preview shows how white text looks on a background with the HunterLab color 77.9237, -2.7946,



# 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

77.9237, -2.7946, 47.9673

### Protanopia

77.8932, -10.6392, 47.5926

### Deuteranopia

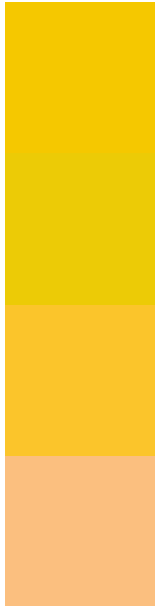
77.9073, 5.1847, 44.0556



## Tritanopia

77.8126, 22.6266, 6.7077

# Trichromacy



## Original Color

77.9237, -2.7946, 47.9673

## Protanomaly

77.8189, -7.7750, 47.6843

## Deuteranomaly

77.8564, 1.7387, 46.2647

## Tritanomaly

77.0085, 9.5148, 32.1600

# Monochromacy



## Original Color

77.9237, -2.7946, 47.9673

## Achromatopsia

72.1800, -3.8513, 3.9217

## Achromatomaly

73.3741, -7.5740, 30.2021

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.9237, -2.7946, 47.9673 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(245, 200, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 200, 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(245, 200, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 200, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.9237, -2.7946, 47.9673 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(245, 200, 0) }
```



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

```
.border{ border-color:rgb(245, 200, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 200, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 200, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 200, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 200,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.9237, -2.7946, 47.9673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 200, 0) }
```

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

```
.background{ background-color: rgb(245,  
200, 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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