

# Converting Colors

HunterLab(87.7409, -7.5456,  
42.1399)

Have a look what the booklet for  
HunterLab(87.7409, -7.5456,  
42.1399) contains.

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# Color

**HunterLab(87.7409, -7.5456,  
42.1399)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE277
RGB	255, 226, 119
RGB Percent	100%, 89%, 47%
CMY	0.0000, 0.1137, 0.5333
CMYK	0.00, 0.11, 0.53, 0.00
HSL	47°, 100%, 73%
HSV	47°, 53%, 100%
XYZ	71.7661, 76.9847, 28.5298
YIQ	222.4730, 51.6310, -27.1290

# Conversions

## Conversions Part 2

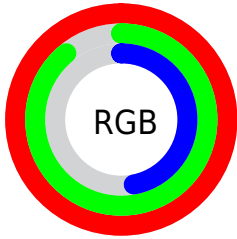
Format	Color
R <sub>Y</sub> B	156, 255, 119
Decimal	16769655
CIE Lab	90.32, -2.96, 55.32
CIE LCh	90, 55.400, 93.059
Yxy	76.9883, 0.4048, 0.4343
Android (android.graphics.Color)	4294959735 (0xFFFFE277)
YUV	222.4730, -51.0122, 28.5262
Hunter-Lab	87.7409, -7.5456, 42.1399

# Details

The HunterLab color **87.7409, -7.5456, 42.1399** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.8512, 14.3188, -63.3836**, and the grayscale version is **85.8731, -4.5820, 4.6656**.

A 20% lighter version of the original color is **97.8959, -16.9881, 35.7729**, and **64.2300, -5.9327, 34.7165** is the 20% darker color. If you saturate the color by 10%, you get **85.7587, -6.4988, 45.4896**, and if you desaturate by 10%, it is **89.8271, -8.1363, 37.6596**.

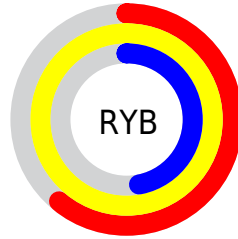
# Distribution



Red (100%)

Green (89%)

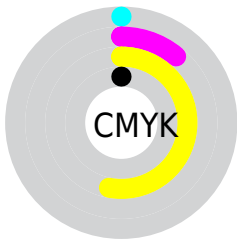
Blue (47%)



Red (61%)

Yellow (100%)

Blue (47%)

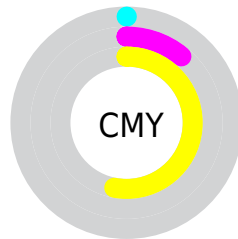


Cyan (0%)

Magenta (11%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7409, -7.5456, 42.1399 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 87.7409, -7.5456, 42.1399 by changing the saturation by 10% instead.



87.7409, -7.5456,  
42.1399

87.7409, -7.5456,  
42.1399

220.1645,  
-15.6605, 70.9049

75.6593, -6.7637,  
38.4765

113.6323, -9.1925,  
49.0895

64.1877, -6.0037,  
34.6552

127.3897,  
-10.0499, 52.4099

53.3628, -5.2692,  
30.6477

141.6615,  
-10.9303, 55.6464

43.2258, -4.5607,  
26.4206

156.4297,  
-11.8332, 58.8102

33.8270, -3.8781,  
21.9396

171.6781,  
-12.7581, 61.9107

25.2297, -3.2211,  
17.6608

187.3922,

17.5172, -2.5878,

-13.7046, 64.9556

12.2620

203.5584,  
-14.6722, 67.9517

■ 10.8056, -1.9735,  
7.5639

■ 1.8710, -3.2743,  
1.3097

■ 87.7409, -7.5456,  
42.1399

■ 87.7409, -7.5456,  
42.1399

■ 85.7587, -6.4988,  
45.4896

■ 89.8271, -8.1363,  
37.6596

■ 83.8729, -4.9998,  
47.7282

■ 92.0113, -8.2560,  
32.0456

■ 82.0822, -3.0769,  
48.9082

■ 94.2948, -7.9097,  
25.3144

■ 80.3807, -0.7719,  
49.1254

■ 96.6762, -7.1043,  
17.4931

■ 79.2868, 0.9241,  
48.8724

■ 99.1535, -5.8507,  
8.6176

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

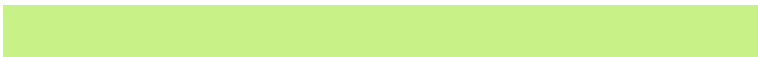
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7430, 21.1391, 39.3330



87.7409, -7.5456, 42.1399



87.7430, -32.2383, 37.8377

# Triad

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



87.7430, -7.5489, 42.1407



87.7430, -45.5058, -28.1130



87.7430, 48.8172, -21.8250

# Complementary

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



87.7409, -7.5456, 42.1399



56.8512, 14.3188, -63.3836

# 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.



87.7430, 26.7498, -50.0921



87.7409, -7.5456, 42.1399



87.7430, -27.8324, -54.4526

# Square

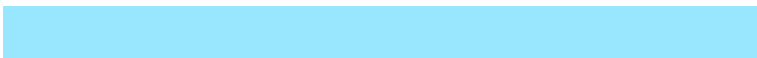
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7430, -7.5489, 42.1407



87.7430, -52.3526, 1.9910



87.7430, -1.7868, -63.5446



87.7430, 55.9964, 7.4728

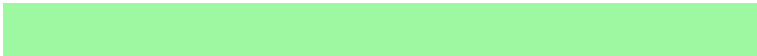


# Rectangle

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



87.7409, -7.5456, 42.1399



87.7430, -43.8026, 30.3753



87.7430, -1.7868, -63.5446



87.7430, 42.7687, -32.0362

# Sweetspot

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



87.7430, -7.5489, 42.1407



96.0316, -7.3636, 19.6845



60.5040, 51.1274, 10.5314



44.2006, -3.4891, 9.8653

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.7430, -7.5489, 42.1407



85.6299, -6.4125, 45.6735



93.5531, -34.8379, 45.9757



45.1604, -3.0890, 6.5781



57.5103, 0.3282, 35.4433



18.3752, -0.6286, 11.3117



# Inverse Universe

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



56.8512, 14.3188, -63.3836



49.5567, 21.2636, -82.2806



52.5704, 39.2579, -73.6193



42.4326, -1.4108, -2.1727



23.1144, 38.4469, -111.8868



8.1884, 8.9931, -29.6483



# Previews

## White Background



This preview shows how the HunterLab color 87.7409, -7.5456, 42.1399 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

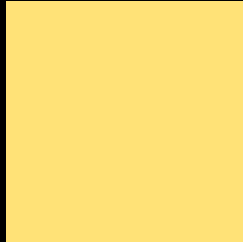
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.7409, -7.5456, 42.1399 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 87.7409, -7.5456, 42.1399 Background



This preview shows how black text looks on a background with the HunterLab color 87.7409, -7.5456, 42.1399.



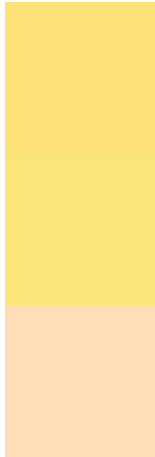
This preview shows how white text looks on a background with the HunterLab color 87.7409, -7.5456,



# 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

87.7409, -7.5456, 42.1399

### Protanopia

87.9500, -9.9817, 42.0408

### Deuteranopia

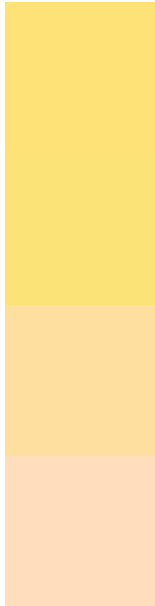
87.7049, 1.0081, 23.7756



## Tritanopia

87.7838, 9.9744, 4.1993

# Trichromacy



## Original Color

87.7409, -7.5456, 42.1399

## Protanomaly

87.7438, -9.1056, 41.9009

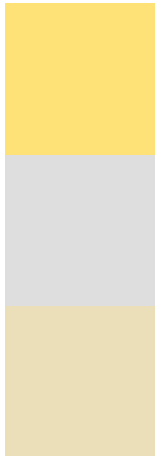
## Deuteranomaly

87.5062, -2.2421, 31.3479

## Tritanomaly

87.5483, 2.3195, 21.3830

# Monochromacy



## Original Color

87.7409, -7.5456, 42.1399

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.8898, -6.7496, 21.1225

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.7409, -7.5456, 42.1399 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, 226, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 119)  
}
```

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, 226, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 119) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.7409, -7.5456, 42.1399 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, 226, 119) }
```



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

```
.border{ border-color:rgb(255, 226, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
119) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.7409, -7.5456, 42.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 119) }
```

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

```
.background{ background-color: rgb(255,  
226, 119) }
```

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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