

# Converting Colors

HunterLab(94.4985, 16.3594,  
48.2071)

Have a look what the booklet for  
HunterLab(94.4985, 16.3594,  
48.2071) contains.

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# Color

**HunterLab(87.3907, -7.2639,  
42.5126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE174
RGB	255, 225, 116
RGB Percent	100%, 88%, 45%
CMY	0.0000, 0.1176, 0.5451
CMYK	0.00, 0.12, 0.55, 0.00
HSL	47°, 100%, 73%
HSV	47°, 55%, 100%
XYZ	71.3176, 76.3713, 27.5053
YIQ	221.5440, 52.8690, -27.5390

# Conversions

## Conversions Part 2

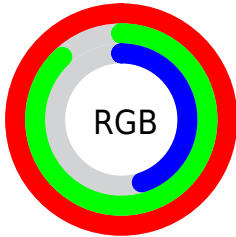
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	154, 255, 116
Decimal	16769396
CIE <sub>Lab</sub>	90.03, -2.69, 56.38
CIE <sub>LCh</sub>	90, 56.448, 92.728
Yxy	76.3749, 0.4071, 0.4359
Android (android.graphics.Color)	4294959476 (0xFFFFE174)
YUV	221.5440, -52.0332, 29.3409
Hunter-Lab	87.3907, -7.2639, 42.5126

# Details

The HunterLab color **87.3907, -7.2639, 42.5126** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.1157, 14.8193, -65.1214**, and the grayscale version is **85.4731, -4.5606, 4.6439**.

A 20% lighter version of the original color is **97.8367, -17.3192, 36.6350**, and **63.9094, -5.6038, 34.9198** is the 20% darker color. If you saturate the color by 10%, you get **85.4009, -6.1306, 45.7227**, and if you desaturate by 10%, it is **89.4849, -7.9421, 38.1745**.

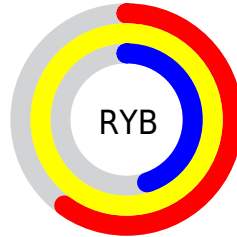
# Distribution



Red (100%)

Green (88%)

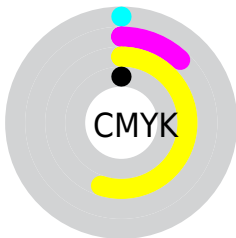
Blue (45%)



Red (60%)

Yellow (100%)

Blue (45%)

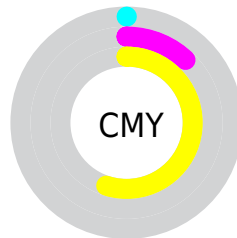


Cyan (0%)

Magenta (12%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3907, -7.2639, 42.5126 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 87.3907, -7.2639, 42.5126 by changing the saturation by 10% instead.



87.3907, -7.2639,  
42.5126

87.3907, -7.2639,  
42.5126

219.6885,  
-15.2779, 71.7539

75.3260, -6.4956,  
38.7818

113.2505, -8.8855,  
49.5862

63.8722, -5.7498,  
34.8889

126.9931, -9.7310,  
52.9638

53.0661, -5.0305,  
30.8057

141.2506,  
-10.5999, 56.2549

42.9493, -4.3381,  
26.4989

156.0049,  
-11.4917, 59.4709

33.5723, -3.6729,  
21.9401

171.2400,  
-12.4059, 62.6212

24.9988, -3.0349,  
17.4992

186.9411,

17.3128, -2.4228,

-13.3420, 65.7141

12.1189

203.0947,  
-14.2994, 68.7563

■ 10.6317, -1.8327,  
7.4422

■ 0.6057, -1.0600,  
0.4240

■ 87.3907, -7.2639,  
42.5126

■ 87.3907, -7.2639,  
42.5126

■ 85.4009, -6.1306,  
45.7227

■ 89.4849, -7.9421,  
38.1745

■ 83.5079, -4.5469,  
47.8265

■ 91.6775, -8.1497,  
32.7039

■ 81.7101, -2.5429,  
48.8801

■ 93.9698, -7.8910,  
26.1162

■ 80.0013, -0.1624,  
48.9856

■ 96.3605, -7.1726,  
18.4379

■ 79.0930, 1.2592,  
48.7588

■ 98.8476, -6.0053,  
9.7047

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

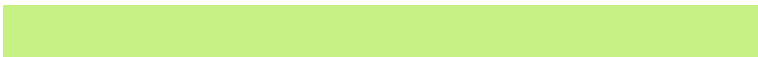
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3928, 21.9567, 39.6260



87.3907, -7.2639, 42.5126



87.3928, -32.4305, 38.2899

# Triad

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



87.3928, -7.2672, 42.5134



87.3928, -46.2479, -28.4769



87.3928, 49.7195, -22.7371

# Complementary

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



87.3907, -7.2639, 42.5126



56.1157, 14.8193, -65.1214

# 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.



87.3928, 27.0617, -51.6150



87.3907, -7.2639, 42.5126



87.3928, -28.4430, -55.6087

# Square

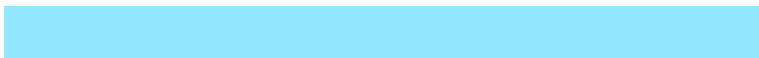
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3928, -7.2672, 42.5134



87.3928, -53.0513, 2.2329



87.3928, -2.0375, -65.1990



87.3928, 57.2554, 7.2081

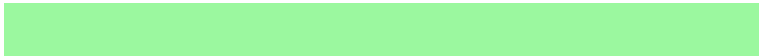


# Rectangle

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



87.3907, -7.2639, 42.5126



87.3928, -44.2292, 30.8566



87.3928, -2.0375, -65.1990



87.3928, 43.4872, -33.1785

# Sweetspot

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



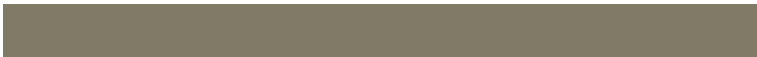
87.3928, -7.2672, 42.5134



95.9980, -7.3086, 19.6510



59.8585, 52.3504, 10.8171



44.1831, -3.4604, 9.8481

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3928, -7.2672, 42.5134



85.3058, -6.0631, 45.8517



93.4459, -35.3212, 46.4784



45.1512, -3.0737, 6.5683



57.3722, 0.5661, 35.3624



18.3366, -0.5637, 11.2891



# Inverse Universe

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



56.1157, 14.8193, -65.1214



49.0178, 21.7513, -83.8484



51.6897, 40.3795, -75.9604



42.4417, -1.4262, -2.1613



23.1886, 38.1970, -111.4400



8.2151, 8.9182, -29.5200



# Previews

## White Background



This preview shows how the HunterLab color 87.3907, -7.2639, 42.5126 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 87.3907, -7.2639, 42.5126 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 87.3907, -7.2639, 42.5126 Background



This preview shows how black text looks on a background with the HunterLab color 87.3907, -7.2639, 42.5126.



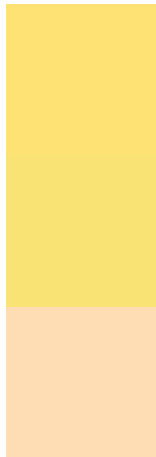
This preview shows how white text looks on a background with the HunterLab color 87.3907, -7.2639,



# 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

87.3907, -7.2639, 42.5126

### Protanopia

87.4909, -10.0813, 42.3300

### Deuteranopia

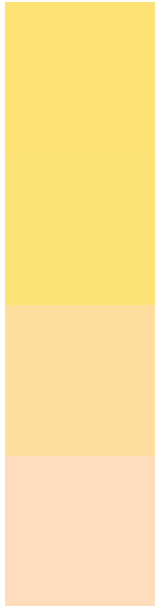
87.3317, 1.1486, 24.5183



## Tritanopia

87.4569, 10.3460, 4.3122

# Trichromacy



## Original Color

87.3907, -7.2639, 42.5126

## Protanomaly

87.3914, -8.8297, 42.2776

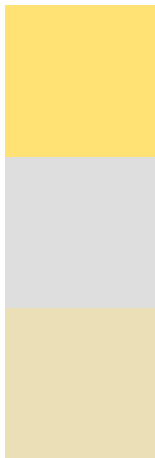
## Deuteranomaly

87.1418, -2.0501, 31.9573

## Tritanomaly

87.1976, 2.5782, 21.8089

# Monochromacy



## Original Color

87.3907, -7.2639, 42.5126

## Achromatopsia

85.4670, -4.5603, 4.6436

## Achromatomaly

85.8409, -7.0186, 21.8289

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3907, -7.2639, 42.5126 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, 225, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 116)  
}
```

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, 225, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 116) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3907, -7.2639, 42.5126 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, 225, 116) }
```



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

```
.border{ border-color:rgb(255, 225, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
116) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3907, -7.2639, 42.5126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 116) }
```

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

```
.background{ background-color: rgb(255,  
225, 116) }
```

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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