

Converting Colors

HunterLab(87.0362, -8.7872,
44.3734)

Have a look what the booklet for
HunterLab(87.0362, -8.7872,
44.3734) contains.

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Color

**HunterLab(87.0362, -8.7872,
44.3734)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE169
RGB	253, 225, 105
RGB Percent	99%, 88%, 41%
CMY	0.0078, 0.1176, 0.5882
CMYK	0.00, 0.11, 0.58, 0.01
HSL	49°, 97%, 70%
HSV	49°, 58%, 99%
XYZ	69.9830, 75.7530, 24.2978
YIQ	219.6920, 55.2080, -31.3840

Conversions

Conversions Part 2

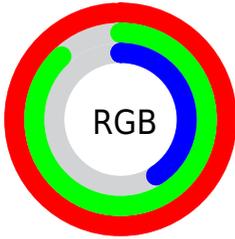
Format	Color
R _Y B	140, 253, 105
Decimal	16638313
CIE Lab	89.75, -4.30, 61.01
CIE LCh	90, 61.159, 94.033
Yxy	75.7566, 0.4116, 0.4455
Android (android.graphics.Color)	4294828393 (0xFFFDE169)
YUV	219.6920, -56.5432, 29.2111
Hunter-Lab	87.0362, -8.7872, 44.3734

Details

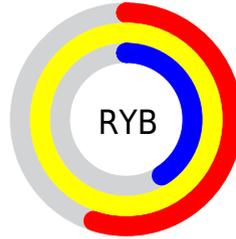
The HunterLab color **87.0362, -8.7872, 44.3734** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **51.8355, 19.2848, -74.0136**, and the grayscale version is **84.6872, -4.5187, 4.6012**.

A 20% lighter version of the original color is **97.6310, -18.4731, 39.6394**, and **63.4958, -7.2639, 36.1809** is the 20% darker color. If you saturate the color by 10%, you get **85.2995, -7.8205, 47.1888**, and if you desaturate by 10%, it is **88.8709, -9.3101, 40.4380**.

Distribution



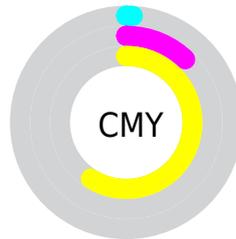
- Red (99%)
- Green (88%)
- Blue (41%)



- Red (55%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)
- Black (1%)



- Cyan (1%)
- Magenta (12%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0362, -8.7872, 44.3734 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 87.0362, -8.7872, 44.3734 by changing the saturation by 10% instead.

87.0362, -8.7872,
44.3734

87.0362, -8.7872,
44.3734

219.2063,
-17.3676, 75.6378

74.9886, -7.9424,
40.3622

112.8640,
-10.5514, 51.9674

63.5529, -7.1157,
36.1745

126.5915,
-11.4638, 55.5872

52.7660, -6.3105,
31.7825

140.8344,
-12.3971, 59.1099

42.6696, -5.5260,
27.1559

155.5748,
-13.3511, 62.5477

33.3147, -4.7611,
22.3846

170.7963,
-14.3255, 65.9112

24.7654, -4.0132,
17.3358

186.4842,

17.1064, -3.2773,

-15.3199, 69.2091

11.9745

202.6250,
-16.3340, 72.4492

■ 10.4564, -2.5426,
7.3195

0.0000, NaN, NaN

■ 87.0362, -8.7872,
44.3734

■ 87.0362, -8.7872,
44.3734

■ 85.2995, -7.8205,
47.1888

■ 88.8709, -9.3101,
40.4380

■ 83.6516, -6.4208,
48.9243

■ 90.7989, -9.3681,
35.3628

■ 82.0895, -4.6254,
49.6578

■ 92.8226, -8.9609,
29.1499

■ 80.6031, -2.4963,
49.5432

■ 94.9417, -8.0909,
21.8147

■ 80.3835, -2.1628,
49.4940

■ 97.1549, -6.7650,
13.3837

■ 99.4021, -5.3153,
4.7278

■ 99.8111, -5.9935,
5.1991

Harmonies

Analogous

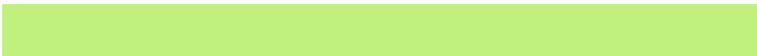
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0383, 22.9367, 41.7845



87.0362, -8.7872, 44.3734



87.0383, -35.4813, 39.7782

Triad

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



87.0383, -8.7905, 44.3742



87.0383, -48.6346, -33.2229



87.0383, 55.4986, -23.8350

Complementary

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



87.0362, -8.7872, 44.3734



51.8355, 19.2848, -74.0136

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.



87.0383, 31.1804, -56.3559



87.0362, -8.7872, 44.3734



87.0383, -29.1762, -62.9726

Square

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



87.0383, -8.7905, 44.3742



87.0383, -56.3613, 0.6658



87.0383, -0.4282, -72.6473



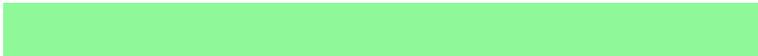
87.0383, 62.9365, 8.6220

Rectangle

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



87.0362, -8.7872, 44.3734



87.0383, -47.7232, 31.8346



87.0383, -0.4282, -72.6473



87.0383, 48.8750, -35.4447

Sweetspot

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



87.0383, -8.7905, 44.3742



95.9029, -8.1088, 21.6202



57.2053, 55.6112, 12.6180



44.0759, -3.8949, 11.0600

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

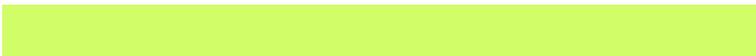
The Same Dimension uses a secret algorithm to generate beautiful new colors.



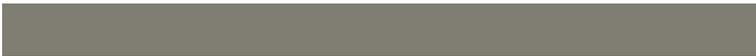
87.0383, -8.7905, 44.3742



85.8063, -7.7019, 47.9509



92.0692, -37.3183, 47.4723



45.2462, -3.2301, 6.6686



58.8020, -1.8700, 36.2008



18.7355, -1.2286, 11.5232

Inverse Universe

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



51.8355, 19.2848, -74.0136



44.7053, 28.2727, -97.4305



48.6036, 44.3995, -82.6335



42.3480, -1.2685, -2.2788



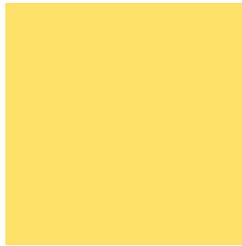
22.4609, 40.7027, -115.9396



7.9478, 9.6843, -30.8396

Previews

White Background



This preview shows how the HunterLab color 87.0362, -8.7872, 44.3734 looks on a white background.

Color Contrast Check

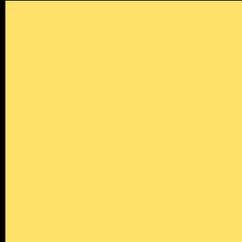
Large Text (above 18pt) WCAG AA × Fail

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 87.0362, -8.7872, 44.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

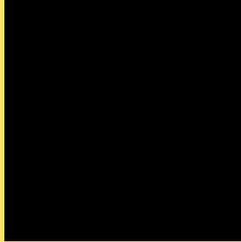
Any Text WCAG AA ✓ Pass

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 87.0362, -8.7872, 44.3734 Background



This preview shows how black text looks on a background with the HunterLab color 87.0362, -8.7872, 44.3734.



This preview shows how white text looks on a background with the HunterLab color 87.0362, -8.7872, 44.3734.

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

87.0362, -8.7872, 44.3734

Protanopia

87.0268, -10.4218, 44.3380

Deuteranopia

86.9373, 1.1717, 25.5788



Tritanopia

86.8690, 11.4276, 3.6321

Trichromacy



Original Color

87.0362, -8.7872, 44.3734

Protanomaly

87.1332, -10.0450, 44.4212

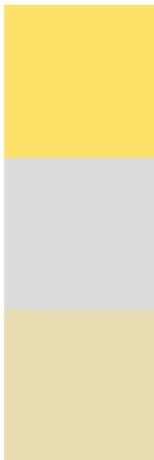
Deuteranomaly

86.8996, -3.1538, 33.8052

Tritanomaly

86.6907, 2.2086, 22.8174

Monochromacy



Original Color

87.0362, -8.7872, 44.3734

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.2131, -7.8617, 23.0642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0362, -8.7872, 44.3734 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(253, 225, 105)` looks like.

```
.text, #text, p{  
    color:rgb(253, 225, 105)  
}
```

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(253, 225, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0362, -8.7872, 44.3734 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(253, 225, 105) }
```

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

```
.border{ border-color:rgb(253, 225, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 225, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 105);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0362, -8.7872, 44.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 105) }
```

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

```
.background{ background-color: rgb(253,  
225, 105) }
```

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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