

# Converting Colors

HunterLab(87.0429, -10.9997,  
49.1482)

Have a look what the booklet for  
HunterLab(87.0429, -10.9997,  
49.1482) contains.

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# Color

**HunterLab(87.0382,  
-11.0006, 49.1461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDE249
RGB	253, 226, 73
RGB Percent	99%, 89%, 29%
CMY	0.0078, 0.1137, 0.7137
CMYK	0.00, 0.11, 0.71, 0.01
HSL	51°, 98%, 64%
HSV	51°, 71%, 99%
XYZ	68.9071, 75.7565, 17.2941
YIQ	216.6310, 65.2050, -41.8590

# Conversions

## Conversions Part 2

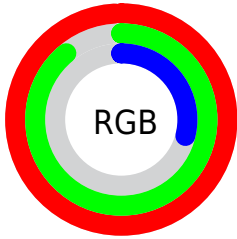
Format	Color
<a href="#">RYB</a>	<a href="#">105, 253, 73</a>
Decimal	<a href="#">16638537</a>
CIELab	<a href="#">89.75, -6.63, 74.01</a>
CIELCh	<a href="#">90, 74.306, 95.123</a>
Yxy	<a href="#">75.7601, 0.4255, 0.4678</a>
Android (android.graphics.Color)	<a href="#">4294828617</a> (0xFFFDE249)
YUV	<a href="#">216.6310, -70.8101, 31.8956</a>
Hunter-Lab	<a href="#">87.0382, -11.0006, 49.1461</a>

# Details

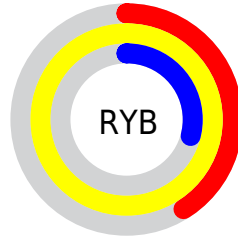
The HunterLab color **87.0382, -11.0006, 49.1461** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **41.9792, 32.9864, -104.8036**, and the grayscale version is **83.4177, -4.4510, 4.5322**.

A 20% lighter version of the original color is **97.1554, -21.1499, 46.6083**, and **63.5077, -9.1075, 38.9737** is the 20% darker color. If you saturate the color by 10%, you get **85.7025, -9.9889, 50.7220**, and if you desaturate by 10%, it is **88.4608, -11.6033, 46.5103**.

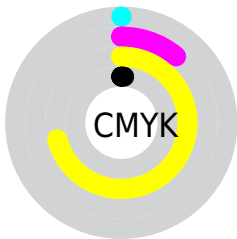
# Distribution



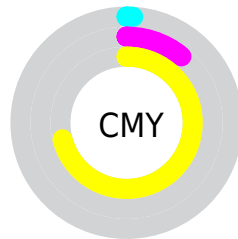
- Red (99%)
- Green (89%)
- Blue (29%)



- Red (41%)
- Yellow (99%)
- Blue (29%)



- Cyan (0%)
- Magenta (11%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0382, -11.0006, 49.1461 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 87.0382, -11.0006, 49.1461 by changing the saturation by 10% instead.



87.0382, -11.0006,  
49.1461

87.0382, -11.0006,  
49.1461

219.2090,  
-20.4129, 86.1064

74.9905, -10.0433,  
44.3647

112.8662,  
-12.9745, 58.1877

63.5547, -9.0977,  
39.3781

126.5938,  
-13.9852, 62.4870

52.7677, -8.1659,  
34.1659

140.8368,  
-15.0131, 66.6617

42.6712, -7.2457,  
28.7272

155.5772,  
-16.0584, 70.7263

33.3162, -6.3334,  
23.3213

170.7988,  
-17.1210, 74.6930

24.7667, -5.4231,  
17.3367

186.4868,

17.1075, -4.5039,

-18.2011, 78.5727

11.9753

202.6276,  
-19.2984, 82.3745

■ 10.4574, -3.5541,  
7.3202

0.0000, NaN, NaN

■ 87.0382, -11.0006,  
49.1461

■ 87.0382, -11.0006,  
49.1461

■ 85.7025, -9.9889,  
50.7220

■ 88.4608, -11.6033,  
46.5103

■ 84.4407, -8.5983,  
51.3339

■ 89.9684, -11.7600,  
42.7517

■ 83.3746, -7.1231,  
51.2503

■ 91.5660, -11.4574,  
37.8364

■ 93.2554, -10.6865,  
31.7502

95.0372, -9.4450,  
24.4949

96.9114, -7.7356,  
16.0853

98.8776, -5.5654,  
6.5465

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.



87.0403, 27.8633, 46.8600



87.0382, -11.0006, 49.1461



87.0403, -42.4240, 44.2798

# Triad

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



87.0403, -11.0040, 49.1468



87.0403, -56.1929, -44.7799



87.0403, 71.0372, -29.4009

# Complementary

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



87.0382, -11.0006, 49.1461



41.9792, 32.9864, -104.8036

# 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.



87.0403, 40.9202, -72.2664



87.0382, -11.0006, 49.1461



87.0403, -32.9942, -83.4723

# Square

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



87.0403, -11.0040, 49.1468



87.0403, -65.5331, -1.6224



87.0403, 1.8939, -95.2224



87.0403, 79.5940, 10.6516



# Rectangle

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



87.0382, -11.0006, 49.1461



87.0403, -56.3262, 35.5785



87.0403, 1.8939, -95.2224



87.0403, 62.8756, -44.4128

# Sweetspot

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



87.0403, -11.0040, 49.1468



95.9172, -9.5098, 24.6082



51.5447, 66.2945, 19.0526



44.1414, -4.5825, 12.3767

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0403, -11.0040, 49.1468



85.9695, -9.5750, 51.5271



90.3763, -44.4661, 50.7751



45.3862, -3.4599, 6.8162



60.9512, -5.4250, 37.4629



19.3330, -2.1995, 11.8744



# Inverse Universe

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



41.9792, 32.9864, -104.8036



34.8026, 47.2968, -138.9016



41.3427, 58.3275, -106.7728



42.2105, -1.0364, -2.4519



21.5308, 44.0905, -122.0903



7.5820, 10.7942, -32.7783



# Previews

## White Background



This preview shows how the HunterLab color 87.0382, -11.0006, 49.1461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

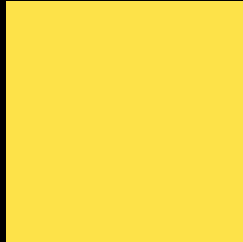
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0382, -11.0006, 49.1461 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 87.0382, -11.0006, 49.1461 Background



This preview shows how black text looks on a background with the HunterLab color 87.0382, -11.0006, 49.1461.



This preview shows how white text looks on a background with the HunterLab color 87.0382, -11.0006, 49.1461.

-11.0006, 49.1461.

# 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

87.0382, -11.0006, 49.1461

### Protanopia

87.0382, -11.0006, 49.1461

### Deuteranopia

86.8697, 0.8058, 26.5595



## Tritanopia

86.8372, 11.2588, 4.0866

# Trichromacy



## Original Color

87.0382, -11.0006, 49.1461

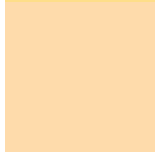
## Protanomaly

87.0382, -11.0006, 49.1461



## Deuteranomaly

86.6715, -4.4010, 37.1395



## Tritanomaly

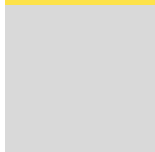
86.4142, 0.7133, 26.8259

# Monochromacy



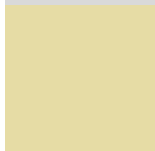
## Original Color

87.0382, -11.0006, 49.1461



## Achromatopsia

83.2990, -4.4446, 4.5258



## Achromatomaly

84.0988, -9.1721, 26.5644

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0382, -11.0006, 49.1461 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, 226, 73)` looks like.

```
.text, #text, p{  
    color:rgb(253, 226, 73)  
}
```

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, 226, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 226, 73) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0382, -11.0006, 49.1461 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, 226, 73) }
```



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

```
.border{ border-color:rgb(253, 226, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 226, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 226, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 226, 73);  
box-shadow:4px 4px 4px 4px rgb(253, 226,  
73) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0382, -11.0006, 49.1461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 226, 73) }
```

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

```
.background{ background-color: rgb(253,  
226, 73) }
```

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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