

Converting Colors

HunterLab(86.4602, -11.3350,
47.8735)

Have a look what the booklet for
HunterLab(86.4602, -11.3350,
47.8735) contains.

HunterLab(86.4602, -11.3350, 47.8735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(86.4602,
-11.3350, 47.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE150
RGB	250, 225, 80
RGB Percent	98%, 88%, 31%
CMY	0.0196, 0.1176, 0.6863
CMYK	0.00, 0.10, 0.68, 0.02
HSL	51°, 94%, 65%
HSV	51°, 68%, 98%
XYZ	67.7976, 74.7537, 18.4450
YIQ	215.9450, 61.4450, -39.7950

Conversions

Conversions Part 2

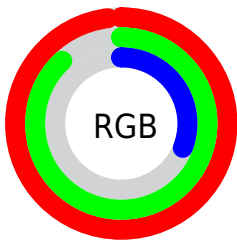
Format	Color
RYB	109, 250, 80
Decimal	16441680
CIELab	89.28, -7.04, 70.85
CIELCh	89, 71.198, 95.673
Yxy	74.7572, 0.4211, 0.4643
Android (android.graphics.Color)	4294631760 (0xFFFAE150)
YUV	215.9450, -67.0209, 29.8662
Hunter-Lab	86.4602, -11.3350, 47.8735

Details

The HunterLab color **86.4602, -11.3350, 47.8735** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **43.2555, 30.0077, -96.7890**, and the grayscale version is **83.1062, -4.4343, 4.5153**.

A 20% lighter version of the original color is **97.2407, -20.6686, 45.3554**, and **63.0191, -9.2952, 38.4532** is the 20% darker color. If you saturate the color by 10%, you get **85.1397, -10.5008, 49.7614**, and if you desaturate by 10%, it is **87.8674, -11.7568, 44.9188**.

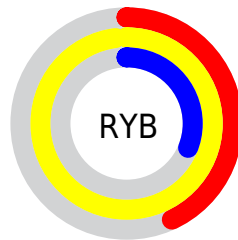
Distribution



Red (98%)

Green (88%)

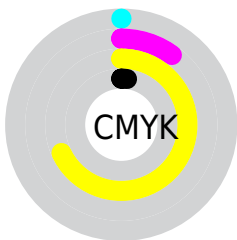
Blue (31%)



Red (43%)

Yellow (98%)

Blue (31%)

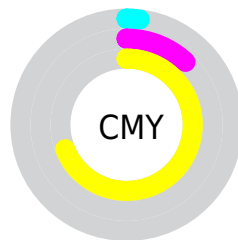


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.4602, -11.3350, 47.8735 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 86.4602, -11.3350, 47.8735 by changing the saturation by 10% instead.

86.4602, -11.3350,
47.8735

86.4602, -11.3350,
47.8735

218.4222,
-20.8847, 83.4877

74.4406, -10.3587,
43.2689

112.2357,
-13.3438, 56.5783

63.0343, -9.3930,
38.4635

125.9387,
-14.3708, 60.7179

52.2787, -8.4397,
33.4343

140.1580,
-15.4143, 64.7386

42.2158, -7.4962,
28.1649

154.8755,
-16.4747, 68.6546

32.8969, -6.5584,
23.0278

170.0749,
-17.5519, 72.4778

24.3871, -5.6194,
17.0710

185.7413,

16.7722, -4.6670,

-18.6460, 76.2187

11.7405

201.8612,
-19.7570, 79.8860

■ 10.1732, -3.6861,
7.1212

0.0000, NaN, NaN

■ 86.4602, -11.3350,
47.8735

■ 86.4602, -11.3350,
47.8735

■ 85.1397, -10.5008,
49.7614

■ 87.8674, -11.7568,
44.9188

■ 83.8940, -9.2795,
50.6644

■ 89.3591, -11.7331,
40.8436

■ 82.7152, -7.7329,
50.7303

■ 90.9399, -11.2532,
35.6206

■ 82.4836, -7.4044,
50.6964

■ 92.6111, -10.3102,
29.2405

94.3733, -8.9032,
21.7086

96.2265, -7.0361,
13.0423

98.1697, -4.7177,
3.2704

99.3420, -6.6608,
4.6331

99.5308, -6.9716,
4.8510

Harmonies

Analogous

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



86.4623, 25.7028, 45.7135



86.4602, -11.3350, 47.8735



86.4623, -41.3115, 42.8674

Triad

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



86.4623, -11.3383, 47.8742



86.4623, -53.8628, -43.0264



86.4623, 67.7212, -26.9579

Complementary

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



86.4602, -11.3350, 47.8735



43.2555, 30.0077, -96.7890

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.



86.4623, 39.4437, -67.4582



86.4602, -11.3350, 47.8735



86.4623, -31.2622, -79.0836

Square

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



86.4623, -11.3383, 47.8742



86.4623, -63.1571, -2.0417



86.4623, 2.3140, -89.4845



86.4623, 75.3756, 10.9509

Rectangle

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



86.4602, -11.3350, 47.8735



86.4623, -54.5697, 34.1565



86.4623, 2.3140, -89.4845



86.4623, 60.1102, -41.1290

Sweetspot

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



86.4623, -11.3383, 47.8742



96.1502, -9.4352, 23.8555



52.0502, 62.7849, 17.7936



44.2470, -4.5622, 12.0635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.4623, -11.3383, 47.8742



86.5486, -10.2742, 51.3874



89.4214, -42.7176, 49.3205



44.4187, -3.4004, 6.6719



60.2124, -5.6180, 37.0042



18.6348, -2.2090, 11.4440

Inverse Universe

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



43.2555, 30.0077, -96.7890



36.1335, 44.4641, -132.1943



42.6292, 54.6009, -98.5658



41.2973, -0.9999, -2.4015



21.1647, 43.6056, -120.5861



7.3103, 10.2906, -31.3516

Previews

White Background



This preview shows how the HunterLab color 86.4602, -11.3350, 47.8735 looks on a white background.

Color Contrast Check

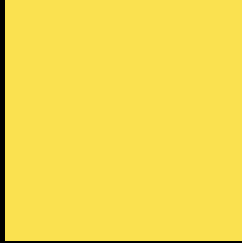
Large Text (above 18pt) WCAG AA × Fail

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 86.4602, -11.3350, 47.8735 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 86.4602, -11.3350, 47.8735 Background



This preview shows how black text looks on a background with the HunterLab color 86.4602, -11.3350, 47.8735.



This preview shows how white text looks on a background with the HunterLab color 86.4602,

-11.3350, 47.8735.

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

86.4602, -11.3350, 47.8735

Protanopia

86.5672, -10.9545, 47.9525

Deuteranopia

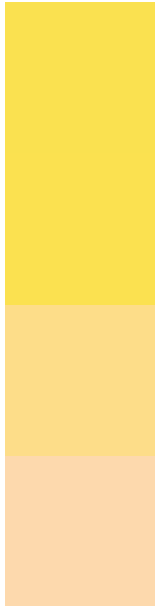
86.4798, 0.8499, 27.5688



Tritanopia

86.2203, 12.1730, 3.8637

Trichromacy



Original Color

86.4602, -11.3350, 47.8735

Protanomaly

86.5672, -10.9545, 47.9525

Deuteranomaly

86.2564, -4.2692, 36.8082

Tritanomaly

85.7470, 1.6235, 25.5286

Monochromacy



Original Color

86.4602, -11.3350, 47.8735

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

83.6343, -9.1221, 25.4579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.4602, -11.3350, 47.8735 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(250, 225, 80)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 80)  
}
```

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(250, 225, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 86.4602, -11.3350, 47.8735 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(250, 225, 80) }
```


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

```
.border{ border-color:rgb(250, 225, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 80);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.4602, -11.3350, 47.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 80) }
```

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

```
.background{ background-color: rgb(250,  
225, 80) }
```

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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