

Converting Colors

HunterLab(86.9301, -9.6006,
48.8535)

Have a look what the booklet for
HunterLab(86.9301, -9.6006,
48.8535) contains.

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Color

**HunterLab(86.9589, -9.6487,
48.8761)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE14B
RGB	255, 225, 75
RGB Percent	100%, 88%, 29%
CMY	0.0000, 0.1176, 0.7059
CMYK	0.00, 0.12, 0.71, 0.00
HSL	50°, 100%, 65%
HSV	50°, 71%, 100%
XYZ	69.4353, 75.6185, 17.5929
YIQ	216.8700, 66.0300, -40.2900

Conversions

Conversions Part 2

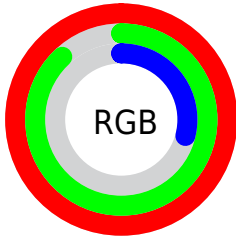
Format	Color
R_{YB}	111, 255, 75
Decimal	16769355
CIE _{Lab}	89.68, -5.21, 73.28
CIE _{LCh}	90, 73.463, 94.069
Yxy	75.6221, 0.4269, 0.4649
Android (android.graphics.Color)	4294959435 (0xFFFFE14B)
YUV	216.8700, -69.9419, 33.4400
Hunter-Lab	86.9589, -9.6487, 48.8761

Details

The HunterLab color **86.9589, -9.6487, 48.8761** 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 **43.3806, 31.0810, -102.0283**, and the grayscale version is **83.5173, -4.4563, 4.5377**.

A 20% lighter version of the original color is **97.1833, -20.9924, 46.1984**, and **63.4183, -7.9016, 38.9397** is the 20% darker color. If you saturate the color by 10%, you get **85.4816, -8.4380, 50.4712**, and if you desaturate by 10%, it is **88.5269, -10.4421, 46.2061**.

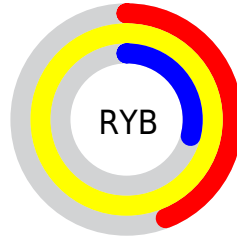
Distribution



Red (100%)

Green (88%)

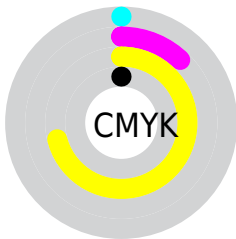
Blue (29%)



Red (44%)

Yellow (100%)

Blue (29%)

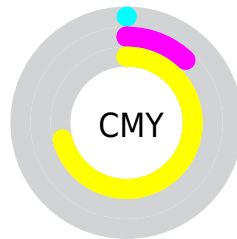


Cyan (0%)

Magenta (12%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.9589, -9.6487, 48.8761 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 86.9589, -9.6487, 48.8761 by changing the saturation by 10% instead.

86.9589, -9.6487,
48.8761

86.9589, -9.6487,
48.8761

219.1011,
-18.5523, 85.5208

74.9151, -8.7603,
44.1363

112.7797,
-11.4945, 57.8386

63.4833, -7.8875,
39.1923

126.5039,
-12.4450, 62.1003

52.7006, -7.0331,
34.0231

140.7437,
-13.4151, 66.2390

42.6087, -6.1959,
28.6214

155.4810,
-14.4045, 70.2687

33.2586, -5.3738,
23.2810

170.6995,
-15.4132, 74.2018

24.7146, -4.5629,
17.3002

186.3845,

17.0615, -3.7559,

-16.4409, 78.0490

11.9430

202.5225,
-17.4873, 81.8193

■ 10.4183, -2.9377,
7.2928

0.0000, NaN, NaN

■ 86.9589, -9.6487,
48.8761

■ 86.9589, -9.6487,
48.8761

■ 85.4816, -8.4380,
50.4712

■ 88.5269, -10.4421,
46.2061

■ 84.0825, -6.8386,
51.0820

■ 90.1835, -10.7827,
42.4037

■ 82.8261, -5.0556,
50.9485

■ 91.9329, -10.6590,
37.4407

■ 93.7766, -10.0637,
31.3085

■ 95.7148, -8.9963,
24.0141

■ 97.7470, -7.4611,
15.5771

99.8723, -5.4666,
6.0266

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



86.9610, 28.8212, 46.3335



86.9589, -9.6487, 48.8761



86.9610, -41.1273, 44.2866

Triad

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



86.9610, -9.6522, 48.8768



86.9610, -56.2254, -42.5421



86.9610, 69.3085, -30.5009

Complementary

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



86.9589, -9.6487, 48.8761



43.3806, 31.0810, -102.0283

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.



86.9610, 39.0628, -72.3891



86.9589, -9.6487, 48.8761



86.9610, -33.7083, -81.1485

Square

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



86.9610, -9.6522, 48.8768



86.9610, -65.0048, -0.2241



86.9610, 0.4787, -93.8856



86.9610, 78.6220, 9.4154

Rectangle

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



86.9589, -9.6487, 48.8761



86.9610, -55.2235, 35.8951



86.9610, 0.4787, -93.8856



86.9610, 61.0290, -45.2813

Sweetspot

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



86.9610, -9.6522, 48.8768



95.6330, -9.0498, 24.3391



52.2616, 66.7014, 18.2078



43.9927, -4.3425, 12.2394

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.9610, -9.6522, 48.8768



84.8549, -7.7766, 50.8550



91.4494, -43.8282, 51.2670



45.3266, -3.3622, 6.7534



60.0305, -3.9171, 36.9220



19.0774, -1.7876, 11.7241

Inverse Universe

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



43.3806, 31.0810, -102.0283



35.4733, 45.2630, -135.4762



41.7182, 57.7446, -107.7386



42.2690, -1.1351, -2.3782



21.9056, 42.6990, -119.5550



7.7337, 10.3247, -31.9545

Previews

White Background



This preview shows how the HunterLab color 86.9589, -9.6487, 48.8761 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 86.9589, -9.6487, 48.8761 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 86.9589, -9.6487, 48.8761 Background



This preview shows how black text looks on a background with the HunterLab color 86.9589, -9.6487, 48.8761.



This preview shows how white text looks on a background with the HunterLab color 86.9589, -9.6487,

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

86.9589, -9.6487, 48.8761

Protanopia

86.9461, -11.2969, 48.8387

Deuteranopia

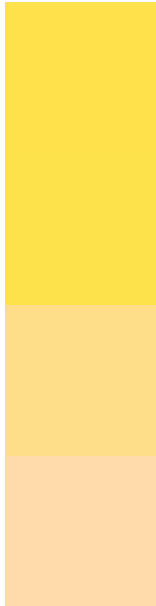
86.8697, 0.8058, 26.5595



Tritanopia

86.8055, 11.0908, 4.5388

Trichromacy



Original Color

86.9589, -9.6487, 48.8761

Protanomaly

87.0536, -10.9147, 48.9173

Deuteranomaly

86.7806, -4.0221, 37.2337

Tritanomaly

86.5236, 1.0868, 26.9332

Monochromacy



Original Color

86.9589, -9.6487, 48.8761

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

84.1973, -8.8239, 26.6607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9589, -9.6487, 48.8761 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9589, -9.6487, 48.8761 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, 75) }
```


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

```
.border{ border-color:rgb(255, 225, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9589, -9.6487, 48.8761 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, 75) }
```

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

```
.background{ background-color: rgb(255,  
225, 75) }
```

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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