

Converting Colors

HunterLab(90.4582, -0.8994,
47.8205)

Have a look what the booklet for
HunterLab(90.4582, -0.8994,
47.8205) contains.

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Color

**HunterLab(87.8170, -9.3436,
45.8088)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE364
RGB	255, 227, 100
RGB Percent	100%, 89%, 39%
CMY	0.0000, 0.1098, 0.6078
CMYK	0.00, 0.11, 0.61, 0.00
HSL	49°, 100%, 70%
HSV	49°, 61%, 100%
XYZ	71.0093, 77.1183, 23.1993
YIQ	220.8940, 57.4550, -33.5610

Conversions

Conversions Part 2

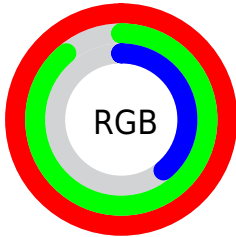
Format	Color
R_{YB}	134, 255, 100
Decimal	16769892
CIE _{Lab}	90.38, -4.83, 63.95
CIE _{LCh}	90, 64.135, 94.317
Yxy	77.1219, 0.4145, 0.4501
Android (android.graphics.Color)	4294959972 (0xFFFFE364)
YUV	220.8940, -59.6007, 29.9110
Hunter-Lab	87.8170, -9.3436, 45.8088

Details

The HunterLab color **87.8170, -9.3436, 45.8088** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **50.3656, 21.8140, -79.9541**, and the grayscale version is **85.2212, -4.5472, 4.6302**.

A 20% lighter version of the original color is **97.5431, -18.9667, 40.9244**, and **64.2565, -7.6854, 37.2613** is the 20% darker color. If you saturate the color by 10%, you get **86.1494, -8.3729, 48.4181**, and if you desaturate by 10%, it is **89.5815, -9.8709, 42.0737**.

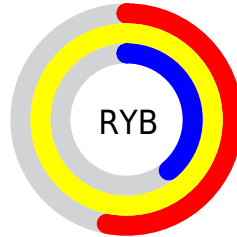
Distribution



Red (100%)

Green (89%)

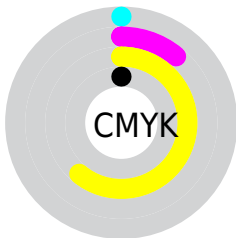
Blue (39%)



Red (53%)

Yellow (100%)

Blue (39%)

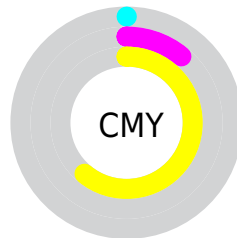


Cyan (0%)

Magenta (11%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8170, -9.3436, 45.8088 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 87.8170, -9.3436, 45.8088 by changing the saturation by 10% instead.

87.8170, -9.3436,
45.8088

87.8170, -9.3436,
45.8088

220.2679,
-18.1221, 78.3051

75.7317, -8.4723,
41.6327

113.7152,
-11.1575, 53.7135

64.2563, -7.6177,
37.2740

127.4759,
-12.0932, 57.4797

53.4273, -6.7829,
32.7057

141.7508,
-13.0491, 61.1432

43.2859, -5.9668,
27.9004

156.5219,
-14.0248, 64.7166

33.8824, -5.1679,
23.0248

171.7733,
-15.0202, 68.2110

25.2800, -4.3830,
17.6960

187.4902,

17.5617, -3.6060,

-16.0351, 71.6354

12.2932

203.6591,
-17.0692, 74.9979

■ 10.8435, -2.8244,
7.5904

■ 2.0448, -3.5784,
1.4314

■ 87.8170, -9.3436,
45.8088

■ 87.8170, -9.3436,
45.8088

■ 86.1494, -8.3729,
48.4181

■ 89.5815, -9.8709,
42.0737

■ 84.5687, -6.9730,
49.9513

■ 91.4388, -9.9306,
37.1850

■ 83.0712, -5.1857,
50.4997

■ 93.3918, -9.5201,
31.1386

■ 81.7522, -3.2681,
50.3181

■ 95.4403, -8.6398,
23.9450

■ 97.5837, -7.2951,
15.6265

99.8208, -5.4955,
6.2150

99.9999, -5.3359,
5.4331

Harmonies

Analogous

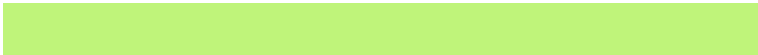
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8191, 24.0811, 43.2617



87.8170, -9.3436, 45.8088



87.8191, -37.2308, 41.0803

Triad

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



87.8191, -9.3470, 45.8096



87.8191, -50.5921, -35.7932



87.8191, 59.0533, -25.0990

Complementary

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



87.8170, -9.3436, 45.8088



50.3656, 21.8140, -79.9541

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.



87.8191, 33.4086, -59.8935



87.8170, -9.3436, 45.8088



87.8191, -30.1770, -67.4821

Square

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



87.8191, -9.3470, 45.8096



87.8191, -58.7420, 0.1848



87.8191, 0.0651, -77.6069



87.8191, 66.7515, 9.1400

Rectangle

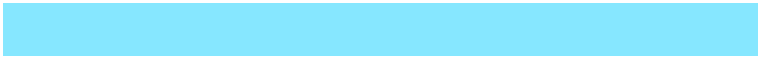
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.8170, -9.3436, 45.8088



87.8191, -49.9216, 32.8765



87.8191, 0.0651, -77.6069



87.8191, 52.0794, -37.4679

Sweetspot

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



87.8191, -9.3470, 45.8096



96.0275, -8.3119, 21.7419



56.5195, 58.1208, 14.2692



44.1428, -4.0037, 11.1237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.8191, -9.3470, 45.8096



85.7916, -8.0982, 48.8484



92.4932, -39.3336, 48.5761



45.2767, -3.2802, 6.7008



59.2660, -2.6480, 36.4731



18.8647, -1.4410, 11.5991

Inverse Universe

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



50.3656, 21.8140, -79.9541



42.5147, 31.7858, -105.1840



47.6788, 47.6609, -87.4333



42.3180, -1.2179, -2.3165



22.2437, 41.4746, -117.3344



7.8653, 9.9282, -31.2630

Previews

White Background



This preview shows how the HunterLab color 87.8170, -9.3436, 45.8088 looks on a white background.

Color Contrast Check

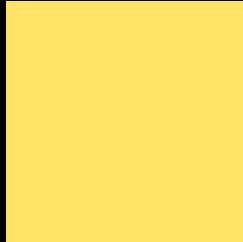
Large Text (above 18pt) WCAG AA × Fail

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 87.8170, -9.3436, 45.8088 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 87.8170, -9.3436, 45.8088 Background



This preview shows how black text looks on a background with the HunterLab color 87.8170, -9.3436, 45.8088.



This preview shows how white text looks on a background with the HunterLab color 87.8170, -9.3436,

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

87.8170, -9.3436, 45.8088

Protanopia

87.9145, -10.6035, 45.8558

Deuteranopia

87.6577, 0.7527, 24.4587



Tritanopia

87.7838, 9.9744, 4.1993

Trichromacy



Original Color

87.8170, -9.3436, 45.8088

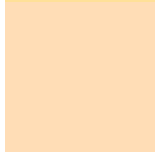
Protanomaly

88.0214, -10.2245, 45.9383



Deuteranomaly

87.6575, -3.6013, 33.8586



Tritanomaly

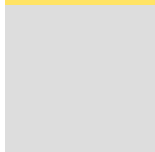
87.3787, 1.4028, 23.8374

Monochromacy



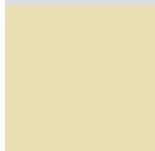
Original Color

87.8170, -9.3436, 45.8088



Achromatopsia

85.0326, -4.5371, 4.6200



Achromatomaly

85.5998, -8.1510, 23.7931

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8170, -9.3436, 45.8088 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, 227, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 100)  
}
```

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, 227, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8170, -9.3436, 45.8088 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, 227, 100) }
```


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

```
.border{ border-color:rgb(255, 227, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
100) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.8170, -9.3436, 45.8088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 100) }
```

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

```
.background{ background-color: rgb(255,  
227, 100) }
```

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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