

Converting Colors

HunterLab(88.9247, 6.4946,
50.1292)

Have a look what the booklet for
HunterLab(88.9247, 6.4946,
50.1292) contains.

HunterLab(85.1311, -6.5113, 47.3236)	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(85.1311, -6.5113,
47.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB4E
RGB	255, 219, 78
RGB Percent	100%, 86%, 31%
CMY	0.0000, 0.1412, 0.6941
CMYK	0.00, 0.14, 0.69, 0.00
HSL	48°, 100%, 65%
HSV	48°, 69%, 100%
XYZ	67.9466, 72.4730, 17.6152
YIQ	213.6900, 66.7170, -36.2190

Conversions

Conversions Part 2

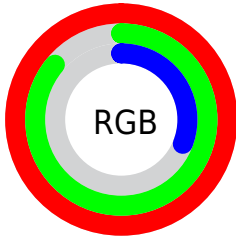
Format	Color
RYB	123, 255, 78
Decimal	16767822
CIELab	88.20, -2.05, 70.67
CIElCh	88, 70.699, 91.661
Yxy	72.4765, 0.4299, 0.4586
Android (android.graphics.Color)	4294957902 (0xFFFFDB4E)
YUV	213.6900, -66.8952, 36.2289
Hunter-Lab	85.1311, -6.5113, 47.3236

Details

The HunterLab color **85.1311, -6.5113, 47.3236** 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 **45.6877, 26.3510, -94.1599**, and the grayscale version is **82.1296, -4.3822, 4.4623**.

A 20% lighter version of the original color is **97.2117, -20.8320, 45.7808**, and **61.6694, -5.0205, 37.7745** is the 20% darker color. If you saturate the color by 10%, you get **83.3757, -4.8807, 48.9374**, and if you desaturate by 10%, it is **86.9850, -7.7153, 44.6276**.

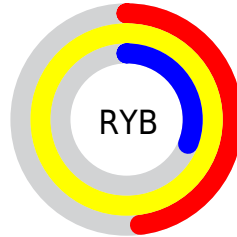
Distribution



Red (100%)

Green (86%)

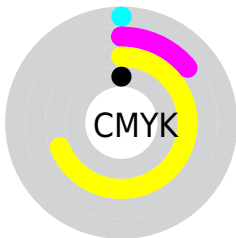
Blue (31%)



Red (48%)

Yellow (100%)

Blue (31%)

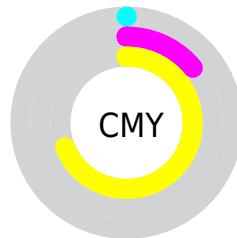


Cyan (0%)

Magenta (14%)

Yellow (69%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.1311, -6.5113, 47.3236 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 85.1311, -6.5113, 47.3236 by changing the saturation by 10% instead.


 85.1311, -6.5113,
47.3236

 85.1311, -6.5113,
47.3236


216.6099,
-14.2614, 82.9609

 73.1765, -5.7785,
42.7092


 110.7853, -8.0670,
56.0419


 61.8389, -5.0698,
37.8917


 124.4312, -8.8814,
60.1858


 51.1560, -4.3897,
32.8482


 138.5956, -9.7203,
64.2096

 41.1708, -3.7391,
27.5682

 153.2600,
-10.5831, 68.1275

 31.9361, -3.1189,
22.3552

 168.4080,
-11.4691, 71.9518

 23.5185, -2.5298,
16.4629

184.0245,

 16.0068, -1.9717,

-12.3779, 75.6930

11.2047

200.0960,
-13.3088, 79.3601

■ 9.5272, -1.4491,
6.6691

0.0000, NaN, NaN

■ 85.1311, -6.5113,
47.3236

■ 85.1311, -6.5113,
47.3236

■ 83.3757, -4.8807,
48.9374

■ 86.9850, -7.7153,
44.6276

■ 81.7077, -2.8478,
49.5454

■ 88.9341, -8.4612,
40.8057

■ 80.1174, -0.4880,
49.3275

■ 90.9816, -8.7416,
35.8430

■ 80.0250, -0.3447,
49.3050

■ 93.1276, -8.5536,
29.7431

■ 95.3714, -7.9001,
22.5241

■ 97.7114, -6.7889,
14.2149

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.



85.1331, 30.3111, 44.2460



85.1311, -6.5113, 47.3236



85.1331, -37.4726, 43.4285

Triad

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



85.1331, -6.5148, 47.3243



85.1331, -55.1733, -36.9431



85.1331, 64.1894, -32.2788

Complementary

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



85.1311, -6.5113, 47.3236



45.6877, 26.3510, -94.1599

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.



85.1331, 34.2948, -71.1603



85.1311, -6.5113, 47.3236



85.1331, -34.5663, -74.5402

Square

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



85.1331, -6.5148, 47.3243



85.1331, -62.5622, 2.7321



85.1331, -2.5613, -89.0834



85.1331, 74.9245, 6.4931

Rectangle

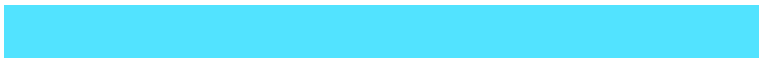
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.1311, -6.5113, 47.3236



85.1331, -51.7134, 35.8576



85.1331, -2.5613, -89.0834



85.1331, 55.8305, -46.2409

Sweetspot

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



85.1331, -6.5148, 47.3243



95.0085, -8.0348, 23.7457



52.8946, 66.5058, 15.1160



43.6661, -3.8128, 11.9368

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.1331, -6.5148, 47.3243



82.7672, -4.1944, 49.2659



92.2104, -40.8251, 51.4699



45.1955, -3.1467, 6.6151



58.0361, -0.5725, 35.7516



18.5220, -0.8745, 11.3979

Inverse Universe

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



45.6877, 26.3510, -94.1599



38.0252, 38.7010, -123.4067



41.5576, 54.8412, -108.4076



42.3980, -1.3526, -2.2161



22.8397, 39.3834, -113.5651



8.0886, 9.2765, -30.1353

Previews

White Background



This preview shows how the HunterLab color 85.1311, -6.5113, 47.3236 looks on a white background.

Color Contrast Check

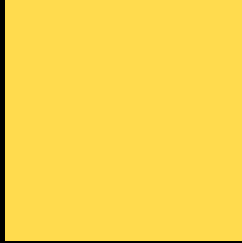
Large Text (above 18pt) WCAG AA × Fail

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 85.1311, -6.5113, 47.3236 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 85.1311, -6.5113, 47.3236 Background



This preview shows how black text looks on a background with the HunterLab color 85.1311, -6.5113, 47.3236.



This preview shows how white text looks on a background with the HunterLab color 85.1311, -6.5113,

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

85.1311, -6.5113, 47.3236

Protanopia

85.1946, -11.0370, 47.1554

Deuteranopia

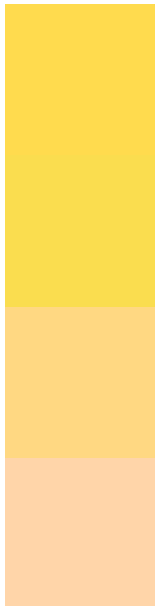
85.0671, 1.7905, 29.5877



Tritanopia

85.1902, 12.9639, 5.1116

Trichromacy



Original Color

85.1311, -6.5113, 47.3236

Protanomaly

85.2065, -9.3973, 47.1921

Deuteranomaly

84.8431, -1.5713, 37.4939

Tritanomaly

84.6836, 3.9812, 25.9709

Monochromacy



Original Color

85.1311, -6.5113, 47.3236

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.7565, -7.5126, 25.3593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.1311, -6.5113, 47.3236 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, 219, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 78)  
}
```

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, 219, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 85.1311, -6.5113, 47.3236 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, 219, 78) }
```


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

```
.border{ border-color:rgb(255, 219, 78) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.1311, -6.5113, 47.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 78) }
```

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

```
.background{ background-color: rgb(255,  
219, 78) }
```

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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