

Converting Colors

HunterLab(76.8666, -0.3847,
35.7580)

Have a look what the booklet for
HunterLab(76.8666, -0.3847,
35.7580) contains.

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Color

**HunterLab(76.8666, -0.3847,
35.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC56F
RGB	237, 197, 111
RGB Percent	93%, 77%, 44%
CMY	0.0706, 0.2274, 0.5647
CMYK	0.00, 0.17, 0.53, 0.07
HSL	41°, 78%, 68%
HSV	41°, 53%, 93%
XYZ	57.7606, 59.0847, 23.3992
YIQ	199.1560, 51.4460, -18.2660

Conversions

Conversions Part 2

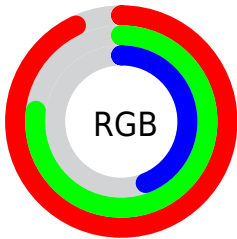
Format	Color
RYB	170, 237, 111
Decimal	15582575
CIELab	81.34, 3.95, 48.03
CIElCh	81, 48.191, 85.299
Yxy	59.0876, 0.4119, 0.4213
Android (android.graphics.Color)	4293772655 (0xFFEDC56F)
YUV	199.1560, -43.4609, 33.1892
Hunter-Lab	76.8666, -0.3847, 35.7580

Details

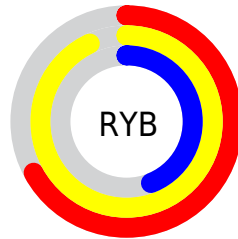
The HunterLab color **76.8666, -0.3847, 35.7580** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.2370, 6.0370, -49.7114**, and the grayscale version is **75.8044, -4.0447, 4.1186**.

A 20% lighter version of the original color is **97.0520, -17.0641, 38.0479**, and **54.2551, 0.4580, 28.7681** is the 20% darker color. If you saturate the color by 10%, you get **74.3647, 1.7825, 38.6136**, and if you desaturate by 10%, it is **79.4877, -2.1291, 31.9272**.

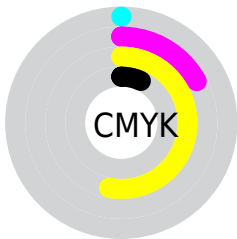
Distribution



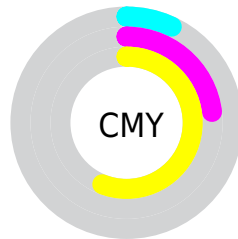
- Red (93%)
- Green (77%)
- Blue (44%)



- Red (67%)
- Yellow (93%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8666, -0.3847, 35.7580 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 76.8666, -0.3847, 35.7580 by changing the saturation by 10% instead.

76.8666, -0.3847,
35.7580

76.8666, -0.3847,
35.7580

205.2380, -5.8275,
61.9231

65.3327, 0.0360,
32.4095

101.7374, -1.3585,
42.0883

54.4398, 0.4143,
28.9030

115.0161, -1.9002,
45.1070

44.2303, 0.7428,
25.2058

128.8271, -2.4767,
48.0481

34.7533, 1.0160,
21.2774

143.1504, -3.0863,
50.9227

26.0706, 1.2260,
17.2946

157.9685, -3.7274,
53.7404

18.2629, 1.3621,
12.7840

173.2653, -4.3988,

11.4420, 1.4069,

56.5088

8.0094

189.0262, -5.0991,
59.2345

■ 3.8511, 4.2633,
2.6958

0.0000, NaN, NaN

■ 76.8666, -0.3847,
35.7580

■ 76.8666, -0.3847,
35.7580

■ 74.3647, 1.7825,
38.6136

■ 79.4877, -2.1291,
31.9272

■ 71.9791, 4.3767,
40.4831

■ 82.2191, -3.4448,
27.1448

■ 69.7127, 7.3777,
41.3858

■ 85.0584, -4.3442,
21.4492

■ 67.5640, 10.7510,
41.3836

■ 88.0014, -4.8413,
14.8846

66.1551, 13.2167,
40.9959

91.0433, -4.9525,
7.4992

94.1798, -4.6962,
-0.6578

96.6374, -8.3122,
1.3572

98.3588, -11.0930,
3.3851

Harmonies

Analogous

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



76.8684, 23.1864, 31.6848



76.8666, -0.3847, 35.7580



76.8684, -22.3820, 33.6671

Triad

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



76.8684, -0.3878, 35.7588



76.8684, -40.6604, -16.4170



76.8684, 36.4374, -24.3470

Complementary

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



76.8666, -0.3847, 35.7580



56.2370, 6.0370, -49.7114

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.



76.8684, 16.0559, -45.3652



76.8666, -0.3847, 35.7580



76.8684, -28.0520, -39.9097

Square

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



76.8684, -0.3878, 35.7588



76.8684, -43.9608, 7.6059



76.8684, -7.7541, -51.7753



76.8684, 46.0031, 0.5975

Rectangle

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



76.8666, -0.3847, 35.7580



76.8684, -33.5098, 28.5888



76.8684, -7.7541, -51.7753



76.8684, 30.5139, -32.3674

Sweetspot

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



76.8684, -0.3878, 35.7588



94.6884, -5.1482, 18.3374



56.2795, 48.5479, 3.7793



43.5003, -2.3346, 9.1753

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8684, -0.3878, 35.7588



80.5199, 2.2221, 42.2330



87.3584, -27.2701, 43.1450



40.9558, -2.2641, 5.6266



49.1330, 9.2857, 30.4381



14.3782, 1.4676, 8.8855

Inverse Universe

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



56.2370, 6.0370, -49.7114



54.1398, 11.9362, -70.0378



47.3176, 32.2019, -70.6720



39.1526, -1.8568, -1.5327



25.1217, 25.8975, -87.3051



8.1422, 4.5114, -19.9159

Previews

White Background



This preview shows how the HunterLab color 76.8666, -0.3847, 35.7580 looks on a white background.

Color Contrast Check

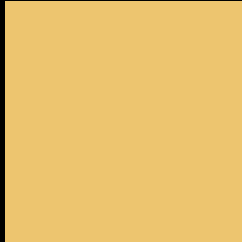
Large Text (above 18pt) WCAG AA × Fail

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 76.8666, -0.3847, 35.7580 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 76.8666, -0.3847, 35.7580 Background



This preview shows how black text looks on a background with the HunterLab color 76.8666, -0.3847, 35.7580.



This preview shows how white text looks on a background with the HunterLab color 76.8666, -0.3847,

35.7580.

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

76.8666, -0.3847, 35.7580

Protanopia

76.7873, -8.3253, 35.1074

Deuteranopia

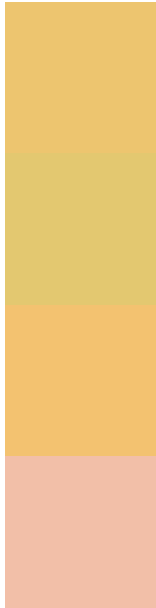
76.8661, 5.6359, 35.6391



Tritanopia

76.9221, 18.4694, 5.1304

Trichromacy



Original Color

76.8666, -0.3847, 35.7580

Protanomaly

76.6872, -5.5833, 35.3049

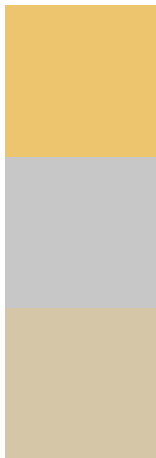
Deuteranomaly

76.6864, 3.5463, 35.4641

Tritanomaly

76.7893, 10.4763, 18.8971

Monochromacy



Original Color

76.8666, -0.3847, 35.7580

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

75.7128, -3.7500, 17.9591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8666, -0.3847, 35.7580 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(237, 197, 111)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 111)  
}
```

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(237, 197, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8666, -0.3847, 35.7580 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(237, 197, 111) }
```


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

```
.border{ border-color:rgb(237, 197, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 197, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 111);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8666, -0.3847, 35.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 111) }
```

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

```
.background{ background-color: rgb(237,  
197, 111) }
```

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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