

Converting Colors

HunterLab(87.7835, -21.1380,
47.3384)

Have a look what the booklet for
HunterLab(87.7835, -21.1380,
47.3384) contains.

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Color

**HunterLab(87.7834,
-21.1286, 47.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	EAEA59
RGB	234, 234, 89
RGB Percent	92%, 92%, 35%
CMY	0.0824, 0.0823, 0.6510
CMYK	0.00, 0.00, 0.62, 0.08
HSL	60°, 78%, 63%
HSV	60°, 62%, 92%
XYZ	65.1576, 77.0593, 20.8909
YIQ	217.4700, 46.5450, -45.0950

Conversions

Conversions Part 2

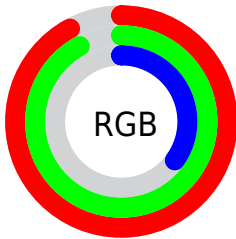
Format	Color
RYB	89, 234, 89
Decimal	15395417
CIELab	90.35, -17.53, 68.01
CIELCh	90, 70.230, 104.456
Yxy	77.0628, 0.3995, 0.4724
Android (android.graphics.Color)	4293585497 (0xFFEAEA59)
YUV	217.4700, -63.3357, 14.4968
Hunter-Lab	87.7834, -21.1286, 47.3384

Details

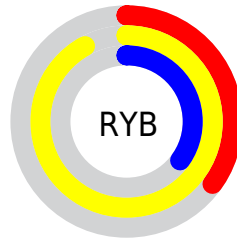
The HunterLab color **87.7834, -21.1286, 47.3384** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **39.0010, 34.9363, -93.7000**, and the grayscale version is **83.7552, -4.4690, 4.5506**.

A 20% lighter version of the original color is **97.3778, -19.8965, 43.3451**, and **64.3687, -18.3682, 38.3870** is the 20% darker color. If you saturate the color by 10%, you get **87.5957, -22.2078, 50.1399**, and if you desaturate by 10%, it is **88.0458, -19.6591, 43.5067**.

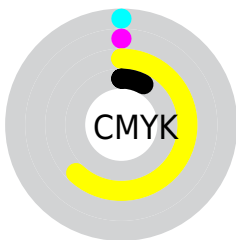
Distribution



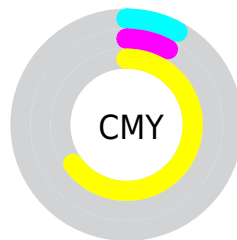
- Red (92%)
- Green (92%)
- Blue (35%)



- Red (35%)
- Yellow (92%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (62%)
- Black (8%)



- Cyan (8%)
- Magenta (8%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7834, -21.1286, 47.3384 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 87.7834, -21.1286, 47.3384 by changing the saturation by 10% instead.

87.7834, -21.1286,
47.3384

87.7834, -21.1286,
47.3384

220.2222,
-34.5034, 81.6070

75.6997, -19.6311,
42.9214

113.6786,
-24.1042, 55.6944

64.2259, -18.1142,
38.3122

127.4378,
-25.5838, 59.6721

53.3987, -16.5731,
33.4856

141.7113,
-27.0626, 63.5384

43.2593, -14.9973,
28.4192

156.4811,
-28.5427, 67.3068

33.8579, -13.3708,
23.5092

171.7312,
-30.0256, 70.9887

25.2578, -11.6691,
17.6804

187.4468,

17.5420, -9.8511,

-31.5126, 74.5939

12.2794

203.6146,
-33.0049, 78.1309

■ 10.8267, -8.0467,
7.5787

■ 1.9699, -3.4473,
1.3789

■ 87.7834, -21.1286,
47.3384

■ 87.7834, -21.1286,
47.3384

■ 87.5957, -22.2078,
50.1399

■ 88.0458, -19.6591,
43.5067

■ 87.4698, -22.9226,
51.9995

■ 88.3821, -17.7635,
38.5727

■ 87.3998, -23.3208,
53.0351

■ 88.7989, -15.4244,
32.4840

■ 87.3732, -23.4721,
53.4280

■ 89.2999, -12.6275,
25.2030

■ 89.8883, -9.3638,
16.7062

■ 90.5663, -5.6293,
6.9832

■ 91.3359, -1.4246,
-3.9643

■ 91.4128, -1.0067,
-5.0517

■ 91.4129, -1.0063,
-5.0516

Harmonies

Analogous

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



87.7854, 14.4191, 47.2120



87.7834, -21.1286, 47.3384



87.7854, -47.6704, 39.7095

Triad

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



87.7854, -21.1316, 47.3391



87.7854, -48.4016, -54.1546



87.7854, 71.4739, -14.5245

Complementary

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



87.7834, -21.1286, 47.3384



39.0010, 34.9363, -93.7000

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.



87.7854, 48.5811, -55.5675



87.7834, -21.1286, 47.3384



87.7854, -22.2902, -83.9547

Square

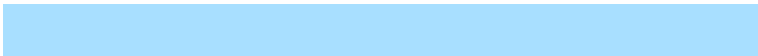
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.7854, -21.1316, 47.3391



87.7854, -61.6272, -13.0807



87.7854, 13.0612, -84.5557



87.7854, 71.9175, 19.5291

Rectangle

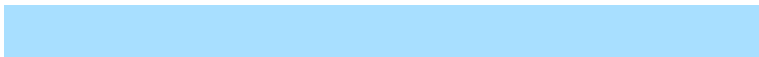
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.7834, -21.1286, 47.3384



87.7854, -58.3068, 28.4755



87.7854, 13.0612, -84.5557



87.7854, 66.0041, -28.1938

Sweetspot

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



87.7854, -21.1316, 47.3391



98.6218, -12.9389, 25.2281



50.3590, 51.2073, 20.7990



45.5453, -6.4400, 12.8532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7854, -21.1316, 47.3391



96.5273, -24.7043, 55.8527



81.9757, -43.2329, 42.9198



41.9845, -3.9515, 6.7105



65.4957, -17.5948, 40.0501



18.3533, -4.9303, 11.2229

Inverse Universe

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



39.0010, 34.9363, -93.7000



35.1007, 51.8933, -137.2683



45.5149, 50.6503, -72.4742



38.1432, -0.1516, -2.8031



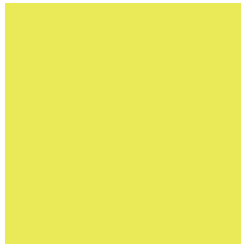
18.2710, 49.5599, -129.8210



5.1201, 13.8878, -36.3776

Previews

White Background



This preview shows how the HunterLab color 87.7834, -21.1286, 47.3384 looks on a white background.

Color Contrast Check

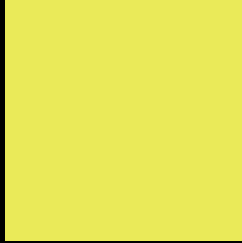
Large Text (above 18pt) WCAG AA × Fail

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 87.7834, -21.1286, 47.3384 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 87.7834, -21.1286, 47.3384 Background



This preview shows how black text looks on a background with the HunterLab color 87.7834, -21.1286, 47.3384.



This preview shows how white text looks on a background with the HunterLab color 87.7834, -21.1286, 47.3384.

-21.1286, 47.3384.

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

87.7834, -21.1286, 47.3384

Protanopia

87.7824, -11.3363, 47.8025

Deuteranopia

87.6112, 0.5007, 25.1329



Tritanopia

87.5646, 8.1765, 0.3675

Trichromacy



Original Color

87.7834, -21.1286, 47.3384

Protanomaly

87.6875, -14.8990, 47.5292

Deuteranomaly

87.3168, -8.1870, 35.1955

Tritanomaly

87.0545, -4.3754, 23.0543

Monochromacy



Original Color

87.7834, -21.1286, 47.3384

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

84.4782, -12.4485, 25.1461

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7834, -21.1286, 47.3384 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(234, 234, 89)` looks like.

```
.text, #text, p{  
    color:rgb(234, 234, 89)  
}
```

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(234, 234, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 234, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7834, -21.1286, 47.3384 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(234, 234, 89) }
```


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

```
.border{ border-color:rgb(234, 234, 89) }
```

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

Here you see how a box with a 4 pixel rgb(234, 234, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 234, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 234, 89);  
box-shadow:4px 4px 4px 4px rgb(234, 234,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7834, -21.1286, 47.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 234, 89) }
```

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

```
.background{ background-color: rgb(234,  
234, 89) }
```

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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