

Converting Colors

HunterLab(87.6827, -9.3264,
46.1469)

Have a look what the booklet for
HunterLab(87.6827, -9.3264,
46.1469) contains.

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Color

**HunterLab(87.7845, -9.5233,
46.2874)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE361
RGB	255, 227, 97
RGB Percent	100%, 89%, 38%
CMY	0.0000, 0.1098, 0.6196
CMYK	0.00, 0.11, 0.62, 0.00
HSL	49°, 100%, 69%
HSV	49°, 62%, 100%
XYZ	70.8667, 77.0612, 22.4484
YIQ	220.5520, 58.4180, -34.4940

Conversions

Conversions Part 2

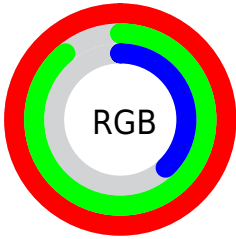
Format	Color
R_{YB}	131, 255, 97
Decimal	16769889
CIE _{Lab}	90.35, -5.02, 65.21
CIE _{LCh}	90, 65.403, 94.400
Yxy	77.0648, 0.4159, 0.4523
Android (android.graphics.Color)	4294959969 (0xFFFFE361)
YUV	220.5520, -60.9111, 30.2109
Hunter-Lab	87.7845, -9.5233, 46.2874

Details

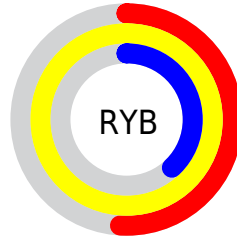
The HunterLab color $87.7845, -9.5233, 46.2874$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $49.4245, 22.9852, -82.6339$, and the grayscale version is $85.0779, -4.5395, 4.6224$.

A 20% lighter version of the original color is $97.4921, -19.2536, 41.6715$, and $64.2342, -7.8090, 37.5912$ is the 20% darker color. If you saturate the color by 10%, you get $86.1533, -8.5442, 48.7766$, and if you desaturate by 10%, it is $89.5117, -10.0616, 42.6761$.

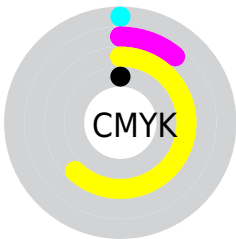
Distribution



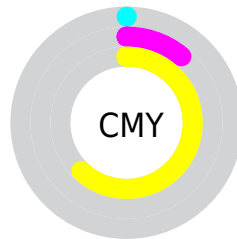
- Red (100%)
- Green (89%)
- Blue (38%)



- Red (51%)
- Yellow (100%)
- Blue (38%)



- Cyan (0%)
- Magenta (11%)
- Yellow (62%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.7845, -9.5233, 46.2874 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 87.7845, -9.5233, 46.2874 by changing the saturation by 10% instead.

87.7845, -9.5233,
46.2874

87.7845, -9.5233,
46.2874

220.2238,
-18.3692, 79.3341

75.7008, -8.6429,
42.0362

113.6798,
-11.3542, 54.3326

64.2270, -7.7787,
37.5991

127.4391,
-12.2978, 58.1645

53.3997, -6.9336,
32.9498

141.7126,
-13.2613, 61.8910

43.2602, -6.1066,
28.0621

156.4825,
-14.2445, 65.5249

33.8587, -5.2958,
23.1672

171.7327,
-15.2471, 69.0775

25.2585, -4.4978,
17.6810

187.4483,

17.5427, -3.7060,

-16.2689, 72.5580

12.2799

203.6161,
-17.3096, 75.9745

■ 10.8273, -2.9070,
7.5791

■ 1.9725, -3.4519,
1.3807

■ 87.7845, -9.5233,
46.2874

■ 87.7845, -9.5233,
46.2874

■ 86.1533, -8.5442,
48.7766

■ 89.5117, -10.0616,
42.6761

■ 84.6078, -7.1402,
50.1984

■ 91.3310, -10.1335,
37.9114

■ 83.1438, -5.3554,
50.6502

■ 93.2455, -9.7354,
31.9859

■ 82.0148, -3.7074,
50.4722

■ 95.2553, -8.8666,
24.9076

97.3600, -7.5317,
16.6970

99.5582, -5.7395,
7.3839

99.9999, -5.3360,
5.4331

Harmonies

Analogous

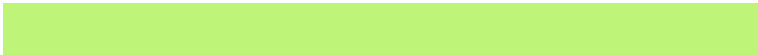
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7866, 24.5885, 43.7621



87.7845, -9.5233, 46.2874



87.7866, -37.8799, 41.5336

Triad

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



87.7866, -9.5267, 46.2882



87.7866, -51.3392, -36.8509



87.7866, 60.5165, -25.6694

Complementary

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



87.7845, -9.5233, 46.2874



49.4245, 22.9852, -82.6339

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.



87.7866, 34.3087, -61.4285



87.7845, -9.5233, 46.2874



87.7866, -30.5700, -69.3892

Square

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



87.7866, -9.5267, 46.2882



87.7866, -59.6365, -0.0030



87.7866, 0.2562, -79.7369



87.7866, 68.3423, 9.3052

Rectangle

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



87.7845, -9.5233, 46.2874



87.7866, -50.7424, 33.2570



87.7866, 0.2562, -79.7369



87.7866, 53.3913, -38.3592

Sweetspot

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



87.7866, -9.5267, 46.2882



95.8686, -8.5198, 22.5947



55.9603, 59.2570, 14.6176



44.0790, -4.0970, 11.4884

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7866, -9.5267, 46.2882



85.8312, -8.2909, 49.1511



92.3890, -39.7965, 48.9747



45.2890, -3.3004, 6.7137



59.4530, -2.9599, 36.5829



18.9168, -1.5262, 11.6297

Inverse Universe

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



49.4245, 22.9852, -82.6339



41.7754, 33.0674, -107.9519



46.8789, 48.8087, -89.9132



42.3060, -1.1976, -2.3316



22.1587, 41.7797, -117.8867



7.8326, 10.0258, -31.4329

Previews

White Background



This preview shows how the HunterLab color 87.7845, -9.5233, 46.2874 looks on a white background.

Color Contrast Check

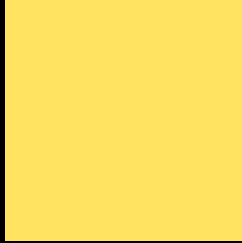
Large Text (above 18pt) WCAG AA × Fail

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 87.7845, -9.5233, 46.2874 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 87.7845, -9.5233, 46.2874 Background



This preview shows how black text looks on a background with the HunterLab color 87.7845, -9.5233, 46.2874.



This preview shows how white text looks on a background with the HunterLab color 87.7845, -9.5233,

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

87.7845, -9.5233, 46.2874

Protanopia

87.8820, -10.7834, 46.3339

Deuteranopia

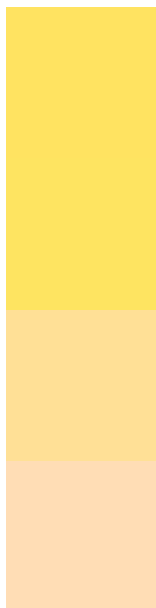
87.6577, 0.7527, 24.4587



Tritanopia

87.7838, 9.9744, 4.1993

Trichromacy



Original Color

87.7845, -9.5233, 46.2874

Protanomaly

87.9890, -10.4041, 46.4157

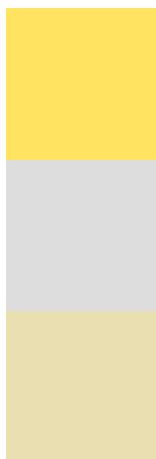
Deuteranomaly

87.6204, -3.8040, 34.4000

Tritanomaly

87.3551, 1.2753, 24.1790

Monochromacy



Original Color

87.7845, -9.5233, 46.2874

Achromatopsia

85.0326, -4.5371, 4.6200

Achromatomaly

85.5766, -8.2792, 24.1295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7845, -9.5233, 46.2874 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7845, -9.5233, 46.2874 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, 97) }
```


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

```
.border{ border-color:rgb(255, 227, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7845, -9.5233, 46.2874 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, 97) }
```

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

```
.background{ background-color: rgb(255,  
227, 97) }
```

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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