

Converting Colors

HunterLab(86.9688, 0.4679,
26.9908)

Have a look what the booklet for
HunterLab(86.9688, 0.4679,
26.9908) contains.

HunterLab(86.8475, 0.6856, 26.8818)	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(86.8475, 0.6856,
26.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCAC
RGB	255, 220, 172
RGB Percent	100%, 86%, 67%
CMY	0.0000, 0.1372, 0.3255
CMYK	0.00, 0.14, 0.33, 0.00
HSL	35°, 100%, 84%
HSV	35°, 33%, 100%
XYZ	74.2795, 75.4249, 49.6732
YIQ	224.9930, 36.2680, -7.5080

Conversions

Conversions Part 2

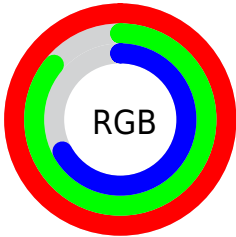
Format	Color
R_{YB}	233, 255, 172
Decimal	16768172
CIE _{Lab}	89.59, 5.41, 28.09
CIE _{LCh}	90, 28.609, 79.091
Yxy	75.4283, 0.3726, 0.3783
Android (android.graphics.Color)	4294958252 (0xFFFFDCAC)
YUV	224.9930, -26.1255, 26.3161
Hunter-Lab	86.8475, 0.6856, 26.8818

Details

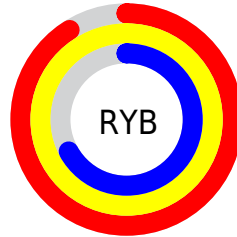
The HunterLab color $86.8475, 0.6856, 26.8818$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $77.8552, -4.7011, -24.1560$, and the grayscale version is $86.8698, -4.6352, 4.7198$.

A 20% lighter version of the original color is $99.1874, -9.8058, 17.0725$, and $63.3344, 1.3666, 22.7120$ is the 20% darker color. If you saturate the color by 10%, you get $83.1127, 3.4531, 31.7283$, and if you desaturate by 10%, it is $90.7362, -1.6375, 21.1687$.

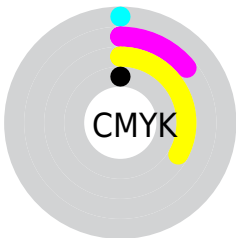
Distribution



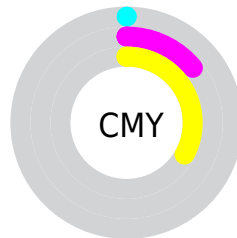
- Red (100%)
- Green (86%)
- Blue (67%)



- Red (91%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8475, 0.6856, 26.8818 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 86.8475, 0.6856, 26.8818 by changing the saturation by 10% instead.

 86.8475, 0.6856,
26.8818

 86.8475, 0.6856,
26.8818

218.9494, -4.4915,
44.3811

 74.8090, 1.0736,
24.7969

 112.6581, -0.2248,
30.9247

 63.3829, 1.4188,
22.6516

126.3776, -0.7358,
32.8976

 52.6063, 1.7138,
20.4303


140.6128, -1.2823,
34.8469

 42.5208, 1.9532,
18.1100

155.3457, -1.8624,
36.7774

 33.1777, 2.1303,
15.6580

170.5599, -2.4747,
38.6931

 24.6413, 2.2353,
13.0272

186.2408, -3.1177,

 16.9967, 2.2542,

40.5972

10.5102

202.3747, -3.7904,
42.4925

■ 10.3634, 2.1644,
7.2544

0.0000, INF, NaN

■ 86.8475, 0.6856,
26.8818

■ 86.8475, 0.6856,
26.8818

■ 83.1127, 3.4531,
31.7283

■ 90.7362, -1.6375,
21.1687

■ 79.5357, 6.6919,
35.6417

■ 94.7629, -3.5293,
14.6508

■ 76.1289, 10.4084,
38.5673

■ 98.9206, -5.0178,
7.3934

■ 72.9019, 14.6006,
40.4647

100.0000, -5.3358,
5.4332

■ 69.8634, 19.2489,
41.3220

■ 67.0194, 24.3083,
41.1775

■ 65.0224, 28.2740,
40.5615

Harmonies

Analogous

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



86.8495, 14.3164, 22.4250



86.8475, 0.6856, 26.8818



86.8495, -13.5412, 26.1800

Triad

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



86.8495, 0.6825, 26.8829



86.8495, -29.3676, -4.3697



86.8495, 17.3739, -14.4241

Complementary

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



86.8475, 0.6856, 26.8818



77.8552, -4.7011, -24.1560

Split Complementary

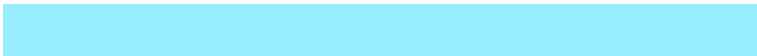
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8495, 4.6374, -24.1437



86.8475, 0.6856, 26.8818



86.8495, -22.0959, -17.7149

Square

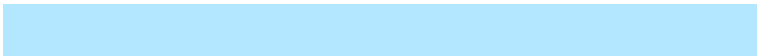
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8495, 0.6825, 26.8829



86.8495, -30.2732, 9.5824



86.8495, -9.8348, -25.4378



86.8495, 24.3638, -0.4250

Rectangle

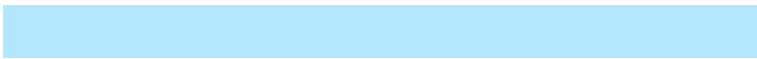
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8475, 0.6856, 26.8818



86.8495, -21.4740, 22.8421



86.8495, -9.8348, -25.4378



86.8495, 13.5855, -18.3915

Sweetspot

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



86.8495, 0.6825, 26.8829



95.8104, -3.9459, 12.8691



74.3762, 31.5367, -1.1713



44.0585, -1.7207, 6.4112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.8495, 0.6825, 26.8829



84.4208, 2.4172, 30.1125



97.3264, -19.1231, 35.8603



44.4209, -1.8616, 5.7910



47.3222, 19.7523, 29.5055



15.4816, 4.6802, 9.6216

Inverse Universe

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



77.8552, -4.7011, -24.1560



73.7523, -3.8207, -30.6769



67.9234, 15.3086, -40.4606



43.1700, -2.6406, -1.2565



30.9893, 16.8876, -75.1893



10.7034, 3.0736, -20.0133

Previews

White Background



This preview shows how the HunterLab color 86.8475, 0.6856, 26.8818 looks on a white background.

Color Contrast Check

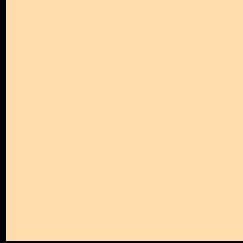
Large Text (above 18pt) WCAG AA × Fail

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 86.8475, 0.6856, 26.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

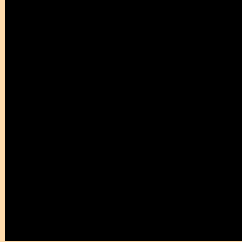
Any Text WCAG AA ✓ Pass

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 86.8475, 0.6856, 26.8818 Background



This preview shows how black text looks on a background with the HunterLab color 86.8475, 0.6856, 26.8818.



This preview shows how white text looks on a background with the HunterLab color 86.8475, 0.6856,

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

86.8475, 0.6856, 26.8818

Protanopia

86.8514, -7.0952, 26.0565

Deuteranopia

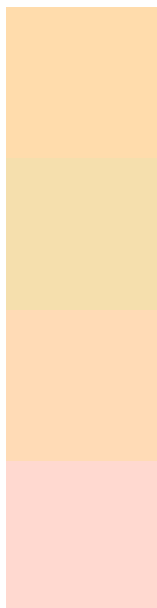
86.9217, 3.2368, 21.1648



Tritanopia

86.8690, 11.4276, 3.6321

Trichromacy



Original Color

86.8475, 0.6856, 26.8818

Protanomaly

86.7208, -4.4124, 26.3300

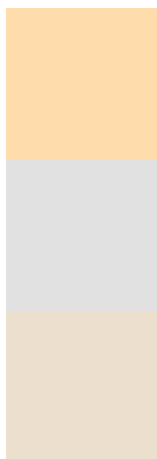
Deuteranomaly

86.7758, 2.4500, 23.2756

Tritanomaly

86.8561, 7.1466, 12.9102

Monochromacy



Original Color

86.8475, 0.6856, 26.8818

Achromatopsia

86.7722, -4.6299, 4.7145

Achromatomaly

86.6397, -3.0333, 13.3743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.8475, 0.6856, 26.8818 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, 220, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 172)  
}
```

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, 220, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 86.8475, 0.6856, 26.8818 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, 220, 172) }
```


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

```
.border{ border-color:rgb(255, 220, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 220, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.8475, 0.6856, 26.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 172) }
```

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

```
.background{ background-color: rgb(255,  
220, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor