

Converting Colors

HunterLab(83.6860, 4.9637,
26.7706)

Have a look what the booklet for
HunterLab(83.6860, 4.9637,
26.7706) contains.

HunterLab(83.6860, 4.9637, 26.7706)	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(83.6860, 4.9637,
26.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A4
RGB	255, 210, 164
RGB Percent	100%, 82%, 64%
CMY	0.0000, 0.1764, 0.3569
CMYK	0.00, 0.18, 0.36, 0.00
HSL	30°, 100%, 82%
HSV	30°, 36%, 100%
XYZ	70.9874, 70.0335, 44.8983
YIQ	218.2110, 41.5860, -4.7660

Conversions

Conversions Part 2

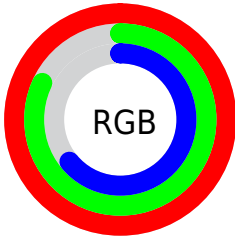
Format	Color
RYB	253, 255, 164
Decimal	16765604
CIELab	87.01, 9.62, 28.75
CIELCh	87, 30.315, 71.497
Yxy	70.0367, 0.3818, 0.3767
Android (android.graphics.Color)	4294955684 (0xFFFFD2A4)
YUV	218.2110, -26.7260, 32.2640
Hunter-Lab	83.6860, 4.9637, 26.7706

Details

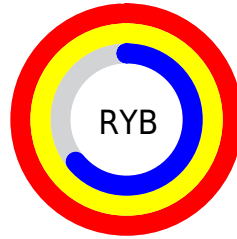
The HunterLab color $83.6860, 4.9637, 26.7706$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $77.9175, -7.7006, -24.1126$, and the grayscale version is $83.9241, -4.4780, 4.5598$.

A 20% lighter version of the original color is $98.9416, -11.1652, 20.6120$, and $60.6771, 5.1301, 22.5000$ is the 20% darker color. If you saturate the color by 10%, you get $79.5129, 8.8388, 31.0786$, and if you desaturate by 10%, it is $88.0487, 1.5391, 21.6703$.

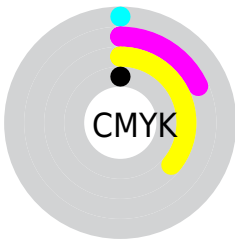
Distribution



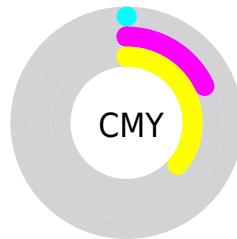
- Red (100%)
- Green (82%)
- Blue (64%)



- Red (99%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6860, 4.9637, 26.7706 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 83.6860, 4.9637, 26.7706 by changing the saturation by 10% instead.

 83.6860, 4.9637,
26.7706

 83.6860, 4.9637,
26.7706

214.6343, 1.3156,
44.5790

 71.8028, 5.1467,
24.6345


 109.2067, 4.4364,
30.9014

 60.5406, 5.2760,
22.4316


 122.7901, 4.1057,
32.9126

 49.9379, 5.3425,
20.1443


136.8941, 3.7331,
34.8975

 40.0385, 5.3383,
17.7468

151.5003, 3.3210,
36.8612

 30.8965, 5.2531,
15.2027

166.5919, 2.8715,
38.8079

 22.5809, 5.0724,
12.4590

182.1538, 2.3863,

 15.1837, 4.7749,

40.7413

10.4679

198.1721, 1.8673,
42.6642

■ 8.8124, 4.4268,
6.1687

0.0000, NaN, NaN

■ 83.6860, 4.9637,
26.7706

■ 83.6860, 4.9637,
26.7706

■ 79.5129, 8.8388,
31.0786

■ 88.0487, 1.5391,
21.6703

■ 75.5396, 13.1910,
34.5156

■ 92.5802, -1.4500,
15.8489

■ 71.7847, 18.0225,
37.0125

■ 97.2689, -4.0350,
9.3775

■ 68.2654, 23.3203,
38.5146

100.0000, -5.3358,
5.4332

■ 64.9976, 29.0439,
39.0003

■ 61.9944, 35.1142,
38.5125

■ 60.7771, 37.7841,
38.1120

Harmonies

Analogous

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



83.6880, 18.4439, 20.8897



83.6860, 4.9637, 26.7706



83.6880, -10.1873, 27.3825

Triad

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



83.6880, 4.9605, 26.7717



83.6880, -31.1028, -1.1479



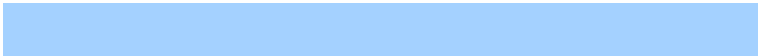
83.6880, 15.6828, -18.9260

Complementary

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



83.6860, 4.9637, 26.7706



77.9175, -7.7006, -24.1126

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.



83.6880, 1.4053, -27.3397



83.6860, 4.9637, 26.7706



83.6880, -25.1561, -15.9246

Square

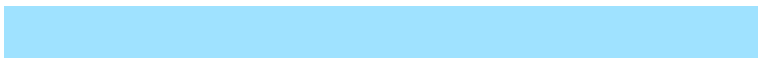
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.6880, 4.9605, 26.7717



83.6880, -30.3000, 12.8677



83.6880, -13.5003, -26.1529



83.6880, 24.9311, -4.7081

Rectangle

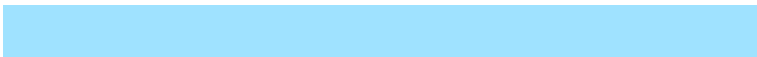
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6860, 4.9637, 26.7706



83.6880, -19.1273, 24.8768



83.6880, -13.5003, -26.1529



83.6880, 11.2714, -22.6317

Sweetspot

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



83.6880, 4.9605, 26.7717



94.7583, -2.7097, 12.8935



72.4154, 36.1729, -4.3996



43.5463, -1.0891, 6.3674

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6880, 4.9605, 26.7717



80.6150, 7.7512, 30.0042



97.7038, -18.0642, 38.5747



44.1644, -1.4312, 5.5154



44.2725, 26.5233, 27.7448



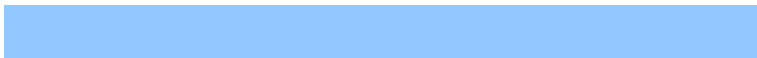
14.5844, 6.5541, 9.1016

Inverse Universe

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



77.9175, -7.7006, -24.1126



73.7423, -7.1900, -30.7523



64.5478, 16.0080, -46.8470



43.4295, -3.0685, -0.9379



34.4651, 9.5240, -63.6379



11.7249, 1.1303, -17.0950

Previews

White Background



This preview shows how the HunterLab color 83.6860, 4.9637, 26.7706 looks on a white background.

Color Contrast Check

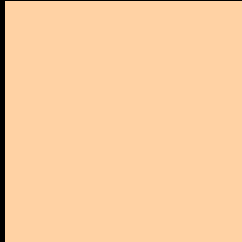
Large Text (above 18pt) WCAG AA × Fail

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 83.6860, 4.9637, 26.7706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

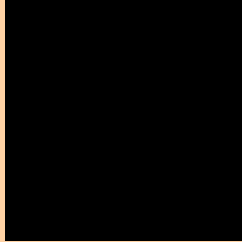
Any Text WCAG AA ✓ Pass

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 83.6860, 4.9637, 26.7706 Background



This preview shows how black text looks on a background with the HunterLab color 83.6860, 4.9637, 26.7706.



This preview shows how white text looks on a background with the HunterLab color 83.6860, 4.9637,

26.7706.

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

83.6860, 4.9637, 26.7706

Protanopia

83.8413, -6.7527, 25.3467

Deuteranopia

83.7737, 5.4339, 25.4973



Tritanopia

83.6568, 15.1790, 4.8049

Trichromacy



Original Color

83.6860, 4.9637, 26.7706

Protanomaly

83.7208, -2.4865, 25.6540

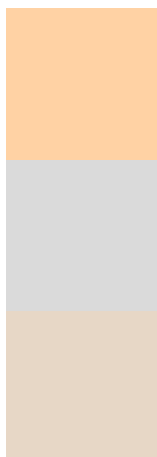
Deuteranomaly

83.7515, 5.3150, 25.8191

Tritanomaly

83.6438, 11.0006, 13.8630

Monochromacy



Original Color

83.6860, 4.9637, 26.7706

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

83.4668, -1.8232, 13.4491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6860, 4.9637, 26.7706 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, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 164)  
}
```

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, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6860, 4.9637, 26.7706 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, 210, 164) }
```


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

```
.border{ border-color:rgb(255, 210, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6860, 4.9637, 26.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 164) }
```

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

```
.background{ background-color: rgb(255,  
210, 164) }
```

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