

Converting Colors

HunterLab(84.2403, 19.5121,
-37.2933)

Have a look what the booklet for
HunterLab(84.2403, 19.5121,
-37.2933) contains.

HunterLab(82.7669, 11.8950, -16.5633)	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(82.7669, 11.8950,
-16.5633)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CFFF
RGB	229, 207, 255
RGB Percent	90%, 81%, 100%
CMY	0.1020, 0.1882, 0.0000
CMYK	0.10, 0.19, 0.00, 0.00
HSL	267°, 100%, 91%
HSV	267°, 19%, 100%
XYZ	72.6759, 68.5036, 103.9997
YIQ	219.0500, -2.2960, 19.5920

Conversions

Conversions Part 2

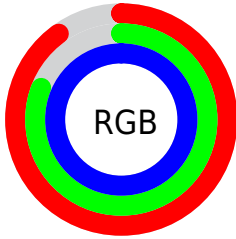
Format	Color
R _Y B	229, 207, 255
Decimal	15060991
CIE Lab	86.26, 16.45, -20.66
CIE LCh	86, 26.404, 308.529
Yxy	68.5064, 0.2964, 0.2794
Android (android.graphics.Color)	4293251071 (0xFFE5CFFF)
YUV	219.0500, 17.7234, 8.7262
Hunter-Lab	82.7669, 11.8950, -16.5633

Details

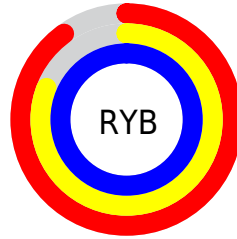
The HunterLab color $82.7669, 11.8950, -16.5633$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.6175, -20.1204, 22.9560$, and the grayscale version is $84.1146, -4.4881, 4.5701$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $59.7862, 11.2702, -15.9454$ is the 20% darker color. If you saturate the color by 10%, you get $74.1277, 21.3949, -29.6189$, and if you desaturate by 10%, it is $91.7822, 2.6436, -4.5132$.

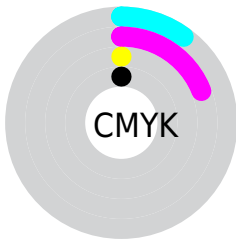
Distribution



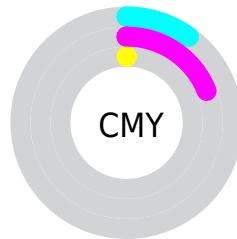
- Red (90%)
- Green (81%)
- Blue (100%)



- Red (90%)
- Yellow (81%)
- Blue (100%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.7669, 11.8950, -16.5633 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 82.7669, 11.8950, -16.5633 by changing the saturation by 10% instead.

82.7669, 11.8950,
-16.5633

82.7669, 11.8950,
-16.5633

213.3748, 10.5887,
-15.7742

70.9294, 11.7691,
-16.3940

108.2018, 11.9514,
-16.7229

59.7157, 11.5737,
-16.1656

121.7450, 11.8959,
-16.7242

49.1645, 11.2985,
-15.8727

135.8103, 11.7892,
-16.6760

39.3203, 10.9329,
-15.5141

150.3792, 11.6346,
-16.5809

30.2381, 10.4632,
-15.0925

165.4346, 11.4350,
-16.4412

21.9883, 9.8710,
-14.6220

180.9614, 11.1927,

14.6653, 9.1315,

-16.2590

-14.1521

196.9458, 10.9100,
-16.0361

■ 8.3241, 8.5815,
-14.1169

0.0000, INF, -NF

■ 82.7669, 11.8950,
-16.5633

■ 82.7669, 11.8950,
-16.5633

■ 74.1277, 21.3949,
-29.6189

■ 91.7822, 2.6436,
-4.5132

■ 65.9305, 31.1676,
-43.9071

100.0000, -5.3358,
5.4332

■ 58.2717, 41.1745,
-59.6333

■ 51.2779, 51.2530,
-76.8956

■ 45.1135, 60.9889,
-95.4709

■ 39.9766, 69.5568,
-114.4634

■ 36.0630, 75.6882,
-131.9945

■ 33.4243, 78.3390,
-145.8533

■ 33.1558, 78.5556,
-147.3744

Harmonies

Analogous

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



82.7686, -0.6447, -22.9254



82.7669, 11.8950, -16.5633



82.7686, 20.3976, -4.7723

Triad

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



82.7686, 11.8930, -16.5610



82.7686, 5.0205, 23.8769



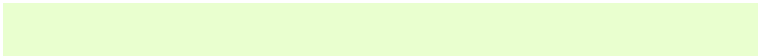
82.7686, -27.9285, 0.8653

Complementary

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



82.7669, 11.8950, -16.5633



96.6175, -20.1204, 22.9560

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.



82.7686, -26.6207, 12.8196



82.7669, 11.8950, -16.5633



82.7686, -8.1303, 24.9037

Square

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



82.7686, 11.8930, -16.5610



82.7686, 16.2610, 18.1075



82.7686, -19.5613, 21.1711



82.7686, -23.2521, -11.8869

Rectangle

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



82.7669, 11.8950, -16.5633



82.7686, 22.3480, 3.8866



82.7686, -19.5613, 21.1711



82.7686, -28.1680, 5.1193

Sweetspot

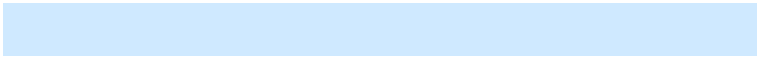
The Sweet Spot groups the original color and five complimentary colors.



82.7686, 11.8930, -16.5610



94.3852, 0.0746, -1.2688



88.8774, -8.8503, -8.5018



43.3871, 0.3090, -0.9319

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.7686, 11.8930, -16.5610



79.1091, 15.8308, -21.8819



85.2383, 19.8848, -12.9356



42.1729, 1.5119, -2.4557



24.1464, 56.9748, -105.5075



7.9481, 18.2328, -30.6885

Inverse Universe

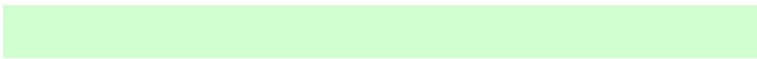
The Inverse Universe completely reimagines the original color for something new.



84.7180, 16.6416, -1.4594



81.5512, 21.6193, -2.7962



94.6782, -27.2426, 20.8943



42.6048, 2.6192, 0.8306



34.7852, 62.4204, 0.3873



10.9554, 19.8439, -1.3116

Previews

White Background



This preview shows how the HunterLab color 82.7669, 11.8950, -16.5633 looks on a white background.

Color Contrast Check

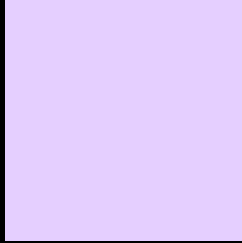
Large Text (above 18pt) WCAG AA × Fail

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 82.7669, 11.8950, -16.5633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

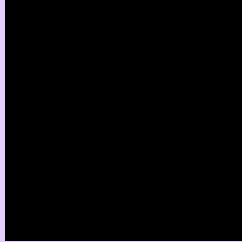
Any Text WCAG AA ✓ Pass

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 82.7669, 11.8950, -16.5633 Background



This preview shows how black text looks on a background with the HunterLab color 82.7669, 11.8950, -16.5633.



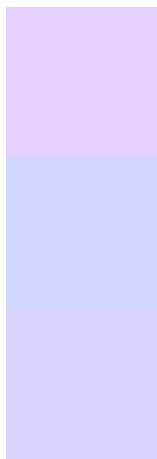
This preview shows how white text looks on a background with the HunterLab color 82.7669, 11.8950, -16.5633.

-16.5633.

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

82.7669, 11.8950, -16.5633

Protanopia

82.8122, 1.2822, -16.6842

Deuteranopia

82.8551, 6.0181, -15.9373



Tritanopia

82.8830, 2.6908, -1.3863

Trichromacy



Original Color

82.7669, 11.8950, -16.5633

Protanomaly

82.6169, 5.2963, -16.8943

Deuteranomaly

82.9328, 7.8135, -15.7951

Tritanomaly

82.7254, 5.9340, -6.8948

Monochromacy



Original Color

82.7669, 11.8950, -16.5633

Achromatopsia

84.1651, -4.4908, 4.5728

Achromatomaly

83.7347, 1.1876, -2.4391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.7669, 11.8950, -16.5633 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(229, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 207, 255)  
}
```

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(229, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 207, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 82.7669, 11.8950, -16.5633 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(229, 207, 255) }
```


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

```
.border{ border-color:rgb(229, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 207,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.7669, 11.8950, -16.5633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 207, 255) }
```

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

```
.background{ background-color: rgb(229,  
207, 255) }
```

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