

# Converting Colors

HunterLab(86.9026, -12.0967,  
15.9247)

Have a look what the booklet for  
HunterLab(86.9026, -12.0967,  
15.9247) contains.

<b>HunterLab(86.9373, -11.9815, 16.0944)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(86.9373,  
-11.9815, 16.0944)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DDE5C8
RGB	221, 229, 200
RGB Percent	87%, 90%, 78%
CMY	0.1333, 0.1019, 0.2157
CMYK	0.03, 0.00, 0.13, 0.10
HSL	77°, 36%, 84%
HSV	77°, 13%, 90%
XYZ	68.2634, 75.5809, 65.6344
YIQ	223.3020, 4.5410, -10.7150

# Conversions

## Conversions Part 2

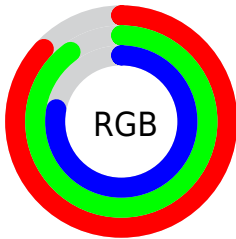
Format	Color
<a href="#">RYB</a>	<a href="#">200, 229, 208</a>
Decimal	<a href="#">14542280</a>
<a href="#">CIELab</a>	<a href="#">89.67, -7.68, 13.23</a>
<a href="#">CIELCh</a>	<a href="#">90, 15.302, 120.142</a>
<a href="#">Yxy</a>	<a href="#">75.5842, 0.3259, 0.3608</a>
Android (android.graphics.Color)	<a href="#">4292732360</a> ( <a href="#">0xFFDDE5C8</a> )
<a href="#">YUV</a>	<a href="#">223.3020, -11.4879, -2.0189</a>
<a href="#">Hunter-Lab</a>	<a href="#">86.9373, -11.9815, 16.0944</a>

# Details

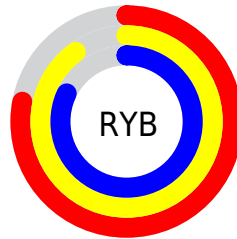
The HunterLab color  $86.9373, -11.9815, 16.0944$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $77.7031, 3.7186, -8.6203$ , and the grayscale version is  $86.0817, -4.5931, 4.6770$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.6038, -10.1339, 13.6652$  is the 20% darker color. If you saturate the color by 10%, you get  $85.8014, -17.2213, 23.7896$ , and if you desaturate by 10%, it is  $88.1745, -6.3079, 7.3258$ .

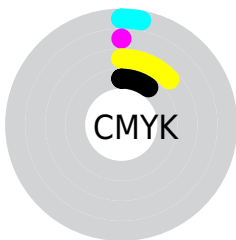
# Distribution



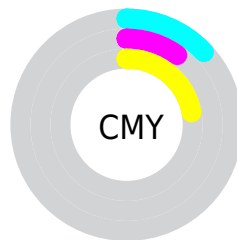
- Red (87%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (13%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.9373, -11.9815, 16.0944 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 86.9373, -11.9815, 16.0944 by changing the saturation by 10% instead.



■ 86.9373, -11.9815,  
16.0944

■ 86.9373, -11.9815,  
16.0944

219.0715,  
-21.7674, 27.9229

■ 74.8944, -10.9720,  
14.8050

112.7559,  
-14.0488, 18.6770

■ 63.4637, -9.9726,  
13.5094

126.4793,  
-15.1038, 19.9733

■ 52.6822, -8.9835,  
12.2027

140.7181,  
-16.1743, 21.2759

■ 42.5915, -8.0017,  
10.8766

155.4546,  
-17.2608, 22.5862

■ 33.2428, -7.0224,  
9.5186

170.6722,  
-18.3632, 23.9053

■ 24.7003, -6.0379,  
8.1089

186.3564,

■ 17.0488, -5.0347,

-19.4818, 25.2340

6.6141

202.4937,  
-20.6165, 26.5730

■ 10.4076, -3.9865,  
5.9182

0.0000, NaN, NaN

■ 86.9373, -11.9815,  
16.0944

■ 86.9373, -11.9815,  
16.0944

■ 85.8014, -17.2213,  
23.7896

■ 88.1745, -6.3079,  
7.3258

■ 84.7607, -22.0086,  
30.3975

■ 89.5071, -0.2096,  
-2.4992

■ 83.8157, -26.3383,  
35.9207

■ 90.4325, 3.5851,  
-6.2406

■ 82.9646, -30.2083,  
40.3747

■ 91.0525, 5.6772,  
-5.3995

■ 82.2043, -33.6234,  
43.7914

■ 91.6896, 7.8122,  
-4.5415

■ 81.5311, -36.5962,  
46.2212

■ 91.9357, 8.6331,  
-4.2117

■ 80.9393, -39.1490,  
47.7382

■ 80.4218, -41.3177,  
48.4473

■ 80.0796, -42.7184,  
48.5968

# Harmonies

## Analogous

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



86.9392, -4.6805, 17.7201



86.9373, -11.9815, 16.0944



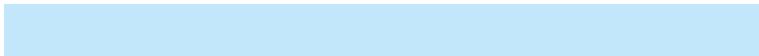
86.9392, -17.1650, 11.4828

# Triad

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



86.9392, -11.9837, 16.0956



86.9392, -11.9218, -8.4481



86.9392, 10.7284, 4.7675

# Complementary

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



86.9373, -11.9815, 16.0944



77.7031, 3.7186, -8.6203

# 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.



86.9392, 8.6293, -2.6069



86.9373, -11.9815, 16.0944



86.9392, -4.6066, -10.6312

# Square

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



86.9392, -11.9837, 16.0956



86.9392, -17.1302, -2.6730



86.9392, 2.9485, -8.4076



86.9392, 8.5902, 11.5386



# Rectangle

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



86.9373, -11.9815, 16.0944



86.9392, -18.8114, 7.1189



86.9392, 2.9485, -8.4076



86.9392, 10.4940, 2.2762

# Sweetspot

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



86.9392, -11.9837, 16.0956



99.4135, -8.0255, 9.6925



81.1248, 1.5624, 10.0790



45.9431, -3.9430, 4.8448

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.9392, -11.9837, 16.0956



97.8924, -15.0179, 20.4019



85.6996, -16.4335, 14.7148



40.7514, -4.7645, 6.2525



60.6018, -32.0949, 36.7807



16.6120, -8.1814, 10.0930



# Inverse Universe

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



77.7031, 3.7186, -8.6203



85.4972, 6.0742, -12.8186



79.0785, 8.3238, -6.7084



37.5216, 0.7216, -2.3774



19.7333, 50.1843, -114.3051

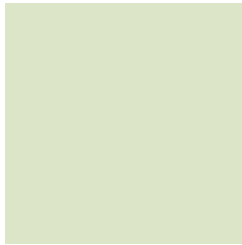


5.7705, 14.0240, -28.3789



# Previews

## White Background



This preview shows how the HunterLab color 86.9373, -11.9815, 16.0944 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

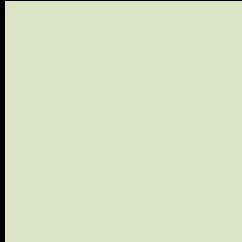
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.9373, -11.9815, 16.0944 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

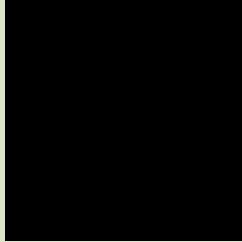
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

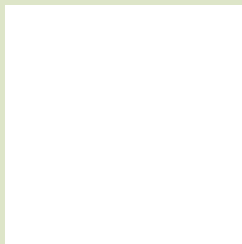
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 86.9373, -11.9815, 16.0944 Background



This preview shows how black text looks on a background with the HunterLab color 86.9373, -11.9815, 16.0944.



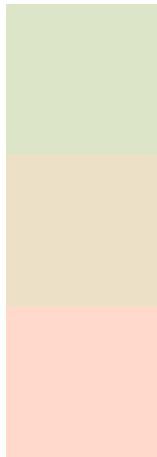
This preview shows how white text looks on a background with the HunterLab color 86.9373,

-11.9815, 16.0944.

# 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



<b>Original Color</b>
<b>Protanopia</b>
<b>Deuteranopia</b>

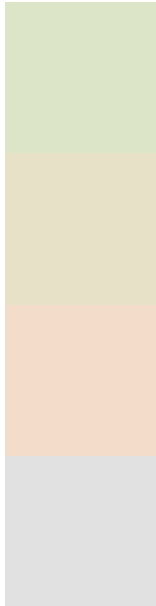
86.9373, -11.9815, 16.0944
87.0405, -5.2596, 17.1493
86.7165, 6.4003, 14.9161



## Tritanopia

86.8661, -0.0702, -3.2756

# Trichromacy



## Original Color

86.9373, -11.9815, 16.0944

## Protanomaly

86.8937, -7.3223, 16.5472

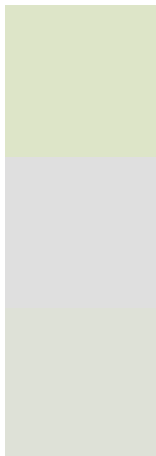
## Deuteranomaly

86.6209, -0.1677, 15.1259

## Tritanomaly

86.8038, -4.4572, 4.2647

# Monochromacy



## Original Color

86.9373, -11.9815, 16.0944

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

86.1895, -7.2787, 8.7569

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.9373, -11.9815, 16.0944 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(221, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 200)  
}
```

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(221, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 200) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.9373, -11.9815, 16.0944 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(221, 229, 200) }
```



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

```
.border{ border-color:rgb(221, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 229, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 229, 200); box-shadow:4px 4px 4px 4px rgb(221, 229, 200) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.9373, -11.9815, 16.0944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 200) }
```

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

```
.background{ background-color: rgb(221,  
229, 200) }
```

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