

Converting Colors

HunterLab(9.9200, 57.0608,
-113.4660)

Have a look what the booklet for
HunterLab(9.9200, 57.0608,
-113.4660) contains.

HunterLab(13.8767, 34.8062, -76.6288)	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(13.8767, 34.8062,
-76.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	25007F
RGB	37, 0, 127
RGB Percent	15%, 0%, 50%
CMY	0.8549, 1.0000, 0.5020
CMYK	0.71, 1.00, 0.00, 0.50
HSL	257°, 100%, 25%
HSV	257°, 100%, 50%
XYZ	4.5937, 1.9256, 20.2083
YIQ	25.5410, -18.7150, 47.3410

Conversions

Conversions Part 2

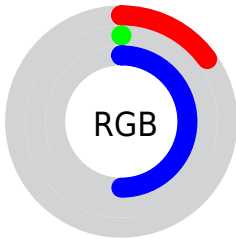
Format	Color
RYB	37, 0, 127
Decimal	2424959
CIELab	15.09, 48.11, -60.47
CIELCh	15, 77.279, 308.505
Yxy	1.9257, 0.1719, 0.0720
Android (android.graphics.Color)	4280615039 (0xFF25007F)
YUV	25.5410, 50.0193, 10.0495
Hunter-Lab	13.8767, 34.8062, -76.6288

Details

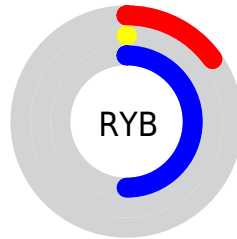
The HunterLab color **13.8767, 34.8062, -76.6288** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **41.6560, -22.3109, 25.2776**, and the grayscale version is **9.8814, -0.5272, 0.5369**.

A 20% lighter version of the original color is **29.2766, 38.3717, -69.8204**, and **7.2236, 19.5940, -51.3267** is the 20% darker color. If you saturate the color by 10%, you get **13.8771, 34.8066, -76.6266**, and if you desaturate by 10%, it is **15.4710, 31.7434, -66.8598**.

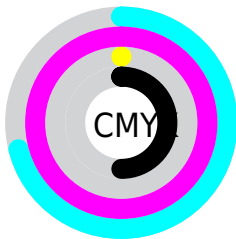
Distribution



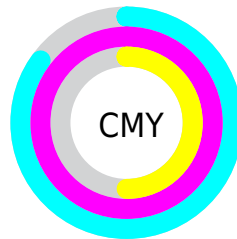
- Red (15%)
- Green (0%)
- Blue (50%)



- Red (15%)
- Yellow (0%)
- Blue (50%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8767, 34.8062, -76.6288 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 13.8767, 34.8062, -76.6288 by changing the saturation by 10% instead.

■ 13.8767, 34.8062,
-76.6288

■ 13.8767, 34.8062,
-76.6288

■ 106.6570, 49.0968,
-73.0314

■ 7.5085, 35.4360,
-92.3511

■ 29.2314, 38.5603,
-70.0605

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.2204, 40.3903,
-69.4876

0.0000, NaN, -NF

■ 47.9788, 42.1133,
-69.5721

0.0000, NaN, -NF

■ 58.4500, 43.7221,
-70.0135

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 69.5885, 45.2188,
-70.6534

0.0000, NaN, NaN


■ 81.3564, 46.6092,


0.0000, NaN, NaN


-71.4021

 93.7218, 47.8997,
-72.2059


 13.8767, 34.8062,
-76.6288


 13.8767, 34.8062,
-76.6288


 13.8771, 34.8066,
-76.6266

 15.4710, 31.7434,
-66.8598

 17.4847, 28.2339,
-56.8180

 20.0376, 24.1001,
-46.6427

 23.0199, 19.8397,
-37.1829

 26.3381, 15.6901,
-28.6955

■ 29.9217, 11.7290,
-21.1432

■ 33.7193, 7.9598,
-14.3883

■ 37.6935, 4.3587,
-8.2801

■ 41.8168, 0.8956,
-2.6858

Harmonies

Analogous

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



13.8771, 5.8102, -118.1510



13.8767, 34.8062, -76.6288



13.8771, 61.1206, -22.2602

Triad

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



13.8771, 34.8066, -76.6266



13.8771, 17.5576, 9.7140



13.8771, -24.2849, -6.2826

Complementary

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



13.8767, 34.8062, -76.6288



41.6560, -22.3109, 25.2776

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.



13.8771, -24.2849, 9.7140



13.8767, 34.8062, -76.6288



13.8771, -6.2653, 9.7140

Square

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



13.8771, 34.8066, -76.6266



13.8771, 47.6752, 9.7140



13.8771, -18.9649, 9.7140



13.8771, -22.8470, -51.4888

Rectangle

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



13.8767, 34.8062, -76.6288



13.8771, 67.9498, -0.2942



13.8771, -18.9649, 9.7140



13.8771, -24.2849, 1.7288

Sweetspot

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



13.8771, 34.8066, -76.6266



44.7517, 11.0040, -19.8688



30.0289, -7.5329, -21.2723



20.7696, 6.1805, -11.1252



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



13.8771, 34.8066, -76.6266



18.3837, 46.4085, -103.8233



20.5238, 42.6135, -44.6116



20.6585, 0.2890, -1.0794



13.9337, 34.9525, -76.9685

0.0000, NaN, NaN

Inverse Universe

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



22.9132, 42.4607, -10.1640



30.6187, 56.6649, -13.0011



39.2670, -32.0998, 23.6342



20.9564, 1.1994, 0.0841

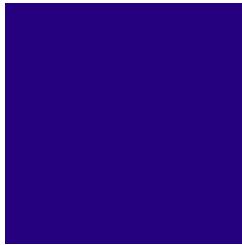


23.0101, 42.6394, -10.1999

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 13.8767, 34.8062, -76.6288 looks on a white background.

Color Contrast Check

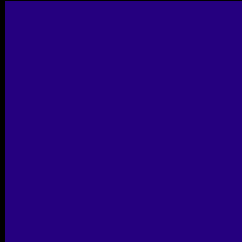
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 13.8767, 34.8062, -76.6288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

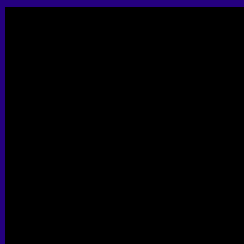
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 13.8767, 34.8062, -76.6288 Background



This preview shows how black text looks on a background with the HunterLab color 13.8767, 34.8062, -76.6288.



This preview shows how white text looks on a background with the HunterLab color 13.8767, 34.8062, -76.6288.

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

13.8767, 34.8062, -76.6288

Protanopia

14.7427, 3.2405, -25.4224

Deuteranopia

14.8177, -1.4336, -15.4261



Tritanopia

14.7504, -7.2815, -2.7181

Trichromacy



Original Color

13.8767, 34.8062, -76.6288

Protanomaly

13.0420, 15.6887, -46.4994

Deuteranomaly

12.8146, 12.2543, -38.7361

Tritanomaly

12.2479, 6.9109, -26.3202

Monochromacy



Original Color

13.8767, 34.8062, -76.6288

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.1774, 10.8317, -20.9349

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8767, 34.8062, -76.6288 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(37, 0, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 127)  
}
```

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(37, 0, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8767, 34.8062, -76.6288 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(37, 0, 127) }
```


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

```
.border{ border-color:rgb(37, 0, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 0, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 0, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8767, 34.8062, -76.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 127) }
```

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

```
.background{ background-color: rgb(37, 0,  
127) }
```

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