

Converting Colors

HunterLab(14.9618, 34.5592,
-66.9948)

Have a look what the booklet for
HunterLab(14.9618, 34.5592,
-66.9948) contains.

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Color

**HunterLab(14.9987, 34.4415,
-66.8515)**

Conversions

Conversions Part 1

Format	Color
Hex	33037D
RGB	51, 3, 125
RGB Percent	20%, 1%, 49%
CMY	0.8000, 0.9882, 0.5098
CMYK	0.59, 0.98, 0.00, 0.51
HSL	264°, 95%, 25%
HSV	264°, 98%, 49%
XYZ	5.0995, 2.2496, 19.5675
YIQ	31.2600, -10.5540, 48.1180

Conversions

Conversions Part 2

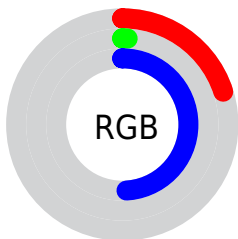
Format	Color
RYB	51, 3, 125
Decimal	3343229
CIELab	16.75, 47.44, -56.40
CIELCh	17, 73.700, 310.063
Yxy	2.2496, 0.1895, 0.0836
Android (android.graphics.Color)	4281533309 (0xFF33037D)
YUV	31.2600, 46.2138, 17.3120
Hunter-Lab	14.9987, 34.4415, -66.8515

Details

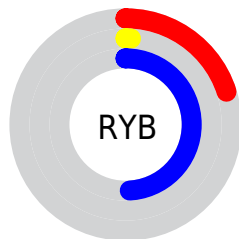
The HunterLab color **14.9987, 34.4415, -66.8515** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **40.3130, -24.4533, 24.2860**, and the grayscale version is **11.6493, -0.6216, 0.6329**.

A 20% lighter version of the original color is **30.6089, 38.4817, -63.0747**, and **7.1274, 19.3331, -50.6433** is the 20% darker color. If you saturate the color by 10%, you get **14.6229, 35.1676, -69.0419**, and if you desaturate by 10%, it is **16.5943, 31.8295, -58.5394**.

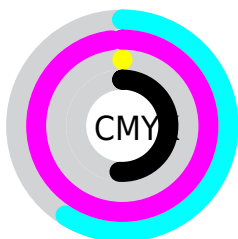
Distribution



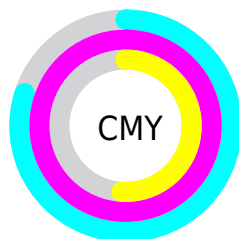
- Red (20%)
- Green (1%)
- Blue (49%)



- Red (20%)
- Yellow (1%)
- Blue (49%)



- Cyan (59%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9987, 34.4415, -66.8515 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 14.9987, 34.4415, -66.8515 by changing the saturation by 10% instead.

14.9987, 34.4415,
-66.8515

14.9987, 34.4415,
-66.8515

108.8494, 48.4444,
-66.5657

8.6421, 33.2332,
-75.5926

30.6621, 38.1896,
-62.7289

0.0000, INF, -NF

0.0000, NaN, -NF

39.7828, 39.9820,
-62.5903

0.0000, NaN, -NF

49.6626, 41.6633,
-62.9184

0.0000, NaN, NaN

0.0000, NaN, NaN

60.2471, 43.2296,
-63.4940

0.0000, NaN, NaN


71.4921, 44.6845,
-64.2005

0.0000, NaN, NaN

83.3609, 46.0341,


0.0000, NaN, NaN

-64.9719


 95.8223, 47.2853,
-65.7684


 14.9987, 34.4415,
-66.8515


 14.9987, 34.4415,
-66.8515


 14.6229, 35.1676,
-69.0419

 16.5943, 31.8295,
-58.5394

 18.6416, 28.4190,
-49.7244

 21.1610, 24.3948,
-40.8956

 24.0636, 20.1714,
-32.6237

 27.2728, 15.9680,
-25.0945

■ 30.7289, 11.8746,
-18.2926

■ 34.3870, 7.9142,
-12.1254

■ 38.2137, 4.0802,
-6.4847

■ 42.1837, 0.3550,
-1.2705

Harmonies

Analogous

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



14.9988, 6.8189, -105.0633



14.9987, 34.4415, -66.8515



14.9988, 58.0736, -18.7219

Triad

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



14.9988, 34.4428, -66.8510



14.9988, 15.3542, 10.4992



14.9988, -26.2479, -7.4356

Complementary

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



14.9987, 34.4415, -66.8515



40.3130, -24.4533, 24.2860

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.



14.9988, -25.4056, 9.4648



14.9987, 34.4415, -66.8515



14.9988, -7.1501, 10.4992

Square

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



14.9988, 34.4428, -66.8510



14.9988, 43.5206, 10.4992



14.9988, -19.0584, 10.4992



14.9988, -21.6642, -49.8369

Rectangle

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



14.9987, 34.4415, -66.8515



14.9988, 63.4953, 0.8583



14.9988, -19.0584, 10.4992



14.9988, -26.2479, 0.7744

Sweetspot

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



14.9988, 34.4428, -66.8510



44.9688, 11.6885, -17.8952



26.4233, -2.4647, -27.2969



20.6211, 6.4599, -9.9032



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



14.9988, 34.4428, -66.8510



19.3618, 46.8519, -93.6437



22.1588, 43.8749, -37.4918



20.7071, 0.4546, -1.0141



14.9258, 35.9143, -70.6130

0.0000, NaN, NaN

Inverse Universe

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



22.2728, 39.7974, -4.2660



29.5096, 53.5877, -4.5866



38.4645, -32.1118, 23.0068



20.9395, 1.1085, 0.3247

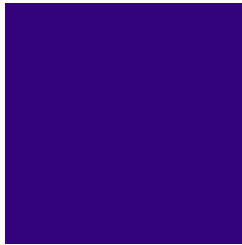


22.5633, 41.0357, -3.9890

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 14.9987, 34.4415, -66.8515 looks on a white background.

Color Contrast Check

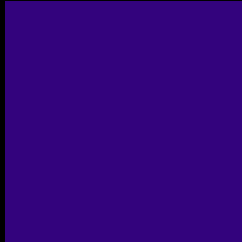
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9987, 34.4415, -66.8515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

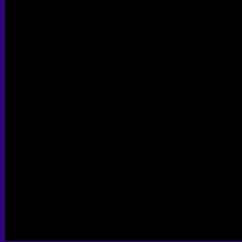
Any Text WCAG AA × Fail

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 14.9987, 34.4415, -66.8515 Background



This preview shows how black text looks on a background with the HunterLab color 14.9987, 34.4415, -66.8515.



This preview shows how white text looks on a background with the HunterLab color 14.9987, 34.4415, -66.8515.

-66.8515.

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

14.9987, 34.4415, -66.8515

Protanopia

15.7033, 3.3164, -26.7868

Deuteranopia

15.7791, -1.4077, -16.6836



Tritanopia

16.0694, -6.0124, -2.6306

Trichromacy



Original Color

14.9987, 34.4415, -66.8515

Protanomaly

13.9579, 15.6271, -45.6329

Deuteranomaly

13.6936, 11.9251, -37.2041

Tritanomaly

13.6878, 8.1687, -23.4641

Monochromacy



Original Color

14.9987, 34.4415, -66.8515

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.5328, 11.1076, -18.4093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9987, 34.4415, -66.8515 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(51, 3, 125)` looks like.

```
.text, #text, p{  
    color:rgb(51, 3, 125)  
}
```

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(51, 3, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 3, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9987, 34.4415, -66.8515 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(51, 3, 125) }
```


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

```
.border{ border-color:rgb(51, 3, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 3, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 3, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 3, 125);  
box-shadow:4px 4px 4px 4px rgb(51, 3, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9987, 34.4415, -66.8515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 3, 125) }
```

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

```
.background{ background-color: rgb(51, 3,  
125) }
```

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](#).

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