

Converting Colors

HunterLab(34.5566, 38.3293,
-99.0307)

Have a look what the booklet for
HunterLab(34.5566, 38.3293,
-99.0307) contains.

HunterLab(34.5567, 38.3289, -99.0305)	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(34.5567, 38.3289,
-99.0305)**

Conversions

Conversions Part 1

Format	Color
Hex	4F4AE0
RGB	79, 74, 224
RGB Percent	31%, 29%, 88%
CMY	0.6902, 0.7098, 0.1216
CMYK	0.65, 0.67, 0.00, 0.12
HSL	242°, 71%, 58%
HSV	242°, 67%, 88%
XYZ	19.1278, 11.9417, 71.8179
YIQ	92.5950, -45.1700, 47.7100

Conversions

Conversions Part 2

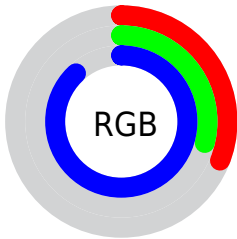
Format	Color
R _Y B	79, 74, 224
Decimal	5196512
CIE Lab	41.12, 46.79, -75.61
CIE LCh	41, 88.913, 301.751
Yxy	11.9419, 0.1859, 0.1161
Android (android.graphics.Color)	4283386592 (0xFF4F4AE0)
YUV	92.5950, 64.7827, -11.9228
Hunter-Lab	34.5567, 38.3289, -99.0305

Details

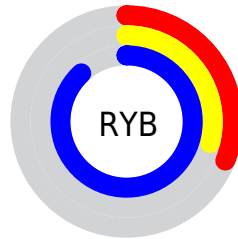
The HunterLab color **34.5567, 38.3289, -99.0305** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **82.9848, -22.3957, 46.1141**, and the grayscale version is **32.7152, -1.7456, 1.7775**.

A 20% lighter version of the original color is **52.4165, 32.8593, -74.1397**, and **19.0277, 36.0305, -101.5625** is the 20% darker color. If you saturate the color by 10%, you get **29.4662, 47.6154, -122.9082**, and if you desaturate by 10%, it is **40.7035, 29.6449, -77.1233**.

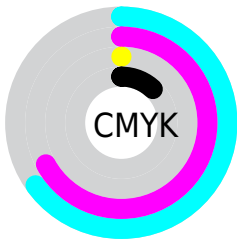
Distribution



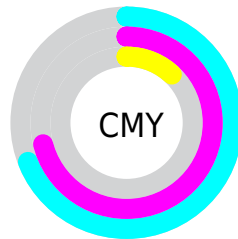
- Red (31%)
- Green (29%)
- Blue (88%)



- Red (31%)
- Yellow (29%)
- Blue (88%)



- Cyan (65%)
- Magenta (67%)
- Yellow (0%)
- Black (12%)



- Cyan (69%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5567, 38.3289, -99.0305 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 34.5567, 38.3289, -99.0305 by changing the saturation by 10% instead.

■ 34.5567, 38.3289,
-99.0305

■ 34.5567, 38.3289,
-99.0305

■ 142.8357, 50.0645,
-101.6955

■ 25.8924, 36.5034,
-102.1488

■ 54.2119, 41.6625,
-97.1238

■ 18.1046, 34.6233,
-108.6209

■ 65.0905, 43.1564,
-97.2014

■ 11.3067, 32.8735,
-122.8703

■ 76.6127, 44.5415,
-97.6221

■ 3.5270, 61.3229,
-263.3759

■ 88.7445, 45.8244,
-98.2574

0.0000, INF, -NF

0.0000, NaN, -NF

■ 101.4565, 47.0121,
-99.0267

0.0000, NaN, -NF

114.7236, 48.1108,

0.0000, NaN, -NF

-99.8778

0.0000, NaN, NaN

128.5232, 49.1265,
-100.7754

■ 34.5567, 38.3289,
-99.0305

■ 34.5567, 38.3289,
-99.0305

■ 29.4662, 47.6154,
-122.9082

■ 40.7035, 29.6449,
-77.1233

■ 25.7685, 56.1523,
-145.3994

■ 47.6321, 21.9399,
-58.0465

■ 23.7133, 61.7049,
-160.6310

■ 55.1512, 15.1605,
-41.5643

■ 23.3026, 63.0012,
-163.9693

■ 63.1310, 9.1336,
-27.1698

■ 71.4830, 3.6869,
-14.3804

■ 80.1451, -1.3205,
-2.8086

■ 89.0727, -5.9961,
7.8397

■ 98.2324, -10.4205,
17.7834

■ 99.0767, -10.4179,
18.6664

Harmonies

Analogous

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



34.5571, 0.1163, -129.3951



34.5567, 38.3289, -99.0305



34.5571, 73.7886, -40.6754

Triad

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



34.5571, 38.3307, -99.0294



34.5571, 33.6468, 24.1900



34.5571, -45.1732, -0.0163

Complementary

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



34.5567, 38.3289, -99.0305



82.9848, -22.3957, 46.1141

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.



34.5571, -41.8850, 19.9992



34.5567, 38.3289, -99.0305



34.5571, -3.7649, 24.1900

Square

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



34.5571, 38.3307, -99.0294



34.5571, 70.4453, 20.9629



34.5571, -29.3198, 24.1900



34.5571, -40.9680, -47.4093

Rectangle

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



34.5567, 38.3289, -99.0305



34.5571, 86.1508, -7.9592



34.5571, -29.3198, 24.1900



34.5571, -44.9155, 9.4755

Sweetspot

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



34.5571, 38.3307, -99.0294



79.6775, 6.2141, -21.1942



75.8294, -34.7522, -9.0224



35.5930, 3.6974, -11.7349

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.5571, 38.3307, -99.0294



32.3753, 58.9489, -152.2772



41.4118, 53.5206, -74.5121



36.4212, -0.0527, -2.6080



17.8060, 48.0858, -124.8684



4.7705, 12.7211, -32.1999

Inverse Universe

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



50.8516, 72.3898, -45.5303



55.1513, 95.7245, -59.9760



77.2886, -44.2750, 41.8800



37.3193, 2.9654, -1.2250



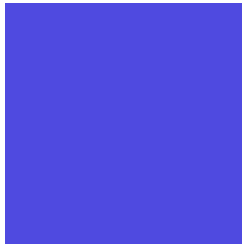
34.8273, 67.9840, -42.1552



9.1829, 17.9462, -11.2767

Previews

White Background



This preview shows how the HunterLab color 34.5567, 38.3289, -99.0305 looks on a white background.

Color Contrast Check

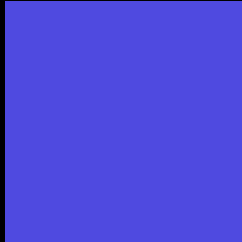
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 34.5567, 38.3289, -99.0305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

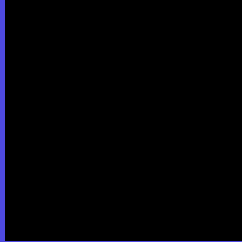
Any Text WCAG AA × Fail

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 34.5567, 38.3289, -99.0305 Background



This preview shows how black text looks on a background with the HunterLab color 34.5567, 38.3289, -99.0305.



This preview shows how white text looks on a background with the HunterLab color 34.5567, 38.3289, -99.0305.

-99.0305.

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

34.5567, 38.3289, -99.0305

Protanopia

34.3718, 11.9214, -68.6968

Deuteranopia

34.2795, 0.0484, -42.9509



Tritanopia

34.2829, -16.5079, -7.2148

Trichromacy



Original Color

34.5567, 38.3289, -99.0305

Protanomaly

33.7239, 20.2459, -81.5249

Deuteranomaly

33.4729, 12.0266, -63.4357

Tritanomaly

32.8819, -0.4608, -35.6618

Monochromacy



Original Color

34.5567, 38.3289, -99.0305

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.6395, 9.3819, -25.4982

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5567, 38.3289, -99.0305 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(79, 74, 224)` looks like.

```
.text, #text, p{  
    color:rgb(79, 74, 224)  
}
```

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(79, 74, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 74, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5567, 38.3289, -99.0305 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(79, 74, 224) }
```


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

```
.border{ border-color:rgb(79, 74, 224) }
```

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

Here you see how a box with a 4 pixel rgb(79, 74, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 74, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 74, 224);  
box-shadow:4px 4px 4px 4px rgb(79, 74,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.5567, 38.3289, -99.0305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 74, 224) }
```

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

```
.background{ background-color: rgb(79, 74,  
224) }
```

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