

Converting Colors

HunterLab(49.8451, 16.8053,
-34.1373)

Have a look what the booklet for
HunterLab(49.8451, 16.8053,
-34.1373) contains.

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Color

**HunterLab(49.8424, 16.7819,
-33.9948)**

Conversions

Conversions Part 1	
Format	Color
Hex	8E7EC8
RGB	142, 126, 200
RGB Percent	56%, 49%, 78%
CMY	0.4431, 0.5059, 0.2157
CMYK	0.29, 0.37, 0.00, 0.22
HSL	253°, 40%, 64%
HSV	253°, 37%, 78%
XYZ	29.0415, 24.8426, 57.9080
YIQ	139.2200, -14.2180, 26.4060

Conversions

Conversions Part 2

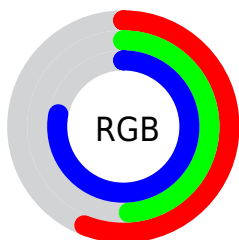
Format	Color
RYB	142, 126, 200
Decimal	9338568
CIELab	56.92, 22.45, -36.31
CIELCh	57, 42.691, 301.725
Yxy	24.8436, 0.2598, 0.2222
Android (android.graphics.Color)	4287528648 (0xFF8E7EC8)
YUV	139.2200, 29.9645, 2.4381
Hunter-Lab	49.8424, 16.7819, -33.9948

Details

The HunterLab color **49.8424, 16.7819, -33.9948** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **72.8051, -19.0711, 28.4530**, and the grayscale version is **50.7888, -2.7100, 2.7595**.

A 20% lighter version of the original color is **71.6453, 17.1212, -33.8453**, and **30.8333, 15.2921, -33.0251** is the 20% darker color. If you saturate the color by 10%, you get **43.5193, 23.2327, -47.2230**, and if you desaturate by 10%, it is **56.5379, 10.7455, -22.2774**.

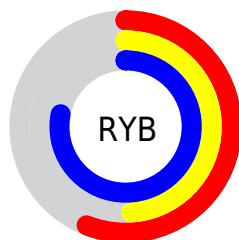
Distribution



Red (56%)

Green (49%)

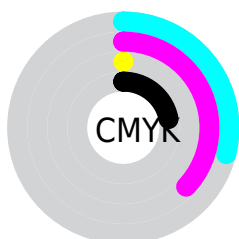
Blue (78%)



Red (56%)

Yellow (49%)

Blue (78%)

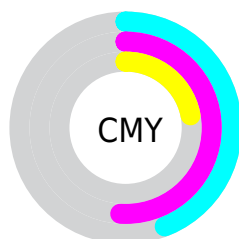


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (51%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.8424, 16.7819, -33.9948 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 49.8424, 16.7819, -33.9948 by changing the saturation by 10% instead.


 49.8424, 16.7819,
-33.9948


 49.8424, 16.7819,
-33.9948


166.4507, 19.0670,
-38.2307


 39.9507, 16.1283,
-33.3581


 71.6962, 17.7914,
-35.2405

 30.8160, 15.3583,
-32.7787


 83.5757, 18.1692,
-35.8121

 22.5084, 14.4535,
-32.3758

 96.0473, 18.4728,
-36.3379

 15.1202, 13.3942,
-32.4485

109.0841, 18.7085,
-36.8150

 8.7544, 12.3193,
-34.0711

122.6625, 18.8817,
-37.2424

0.0000, INF, -NF

0.0000, NaN, -NF


136.7618, 18.9967,


-37.6202


0.0000, NaN, NaN


151.3635, 19.0573,
-37.9493


0.0000, NaN, NaN


 49.8424, 16.7819,
-33.9948


 49.8424, 16.7819,
-33.9948


 43.5193, 23.2327,
-47.2230


 56.5379, 10.7455,
-22.2774


 37.6605, 30.1455,
-62.2938


 63.5361, 5.0495,
-11.7532


 32.4014, 37.4500,
-79.3697

 70.7897, -0.3800,
-2.1535

 27.9276, 44.7752,
-98.0159

 78.2633, -5.6049,
6.7307

 24.4673, 51.1830,
-116.4424

 85.9300, -10.6744,
15.0595

■ 22.1982, 55.2920,
-131.3043

■ 93.7690, -15.6271,
22.9551

■ 21.6542, 56.3409,
-135.2876

■ 98.1507, -14.9371,
27.2096

■ 98.4633, -13.8208,
27.5266

Harmonies

Analogous

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



49.8434, -1.6205, -42.4264



49.8424, 16.7819, -33.9948



49.8434, 31.4573, -15.4445

Triad

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



49.8434, 16.7814, -33.9935



49.8434, 14.7322, 23.8079



49.8434, -32.6387, 1.7161

Complementary

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



49.8424, 16.7819, -33.9948



72.8051, -19.0711, 28.4530

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.



49.8434, -29.5223, 15.8761



49.8424, 16.7819, -33.9948



49.8434, -3.6954, 25.6140

Square

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



49.8434, 16.7814, -33.9935



49.8434, 30.1615, 17.0546



49.8434, -19.5177, 23.3158



49.8434, -28.7144, -17.7834

Rectangle

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



49.8424, 16.7819, -33.9948



49.8434, 36.2234, -2.2383



49.8434, -19.5177, 23.3158



49.8434, -32.3820, 7.2035

Sweetspot

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



49.8434, 16.7814, -33.9935



89.1386, 2.4342, -7.9583



65.8697, -16.5746, -8.8873



40.6319, 1.5802, -4.4838

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8434, 16.7814, -33.9935



59.1836, 28.5057, -57.8102



53.4173, 27.4901, -27.2548



32.2431, 0.4163, -2.0390



17.3606, 45.0033, -107.1740



4.1876, 10.1694, -20.5342

Inverse Universe

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



55.3738, 31.8204, -13.8768



68.2640, 51.6001, -22.5283



70.0929, -29.2782, 25.9810



32.8266, 2.2652, -0.2917



30.6004, 57.4896, -19.6481



6.7338, 12.7755, -5.2895

Previews

White Background



This preview shows how the HunterLab color 49.8424, 16.7819, -33.9948 looks on a white background.

Color Contrast Check

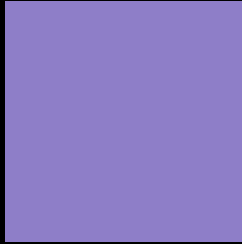
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the HunterLab color 49.8424, 16.7819, -33.9948 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 × Fail

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

HunterLab 49.8424, 16.7819, -33.9948 Background



This preview shows how black text looks on a background with the HunterLab color 49.8424, 16.7819, -33.9948.



This preview shows how white text looks on a background with the HunterLab color 49.8424, 16.7819, -33.9948.

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

49.8424, 16.7819, -33.9948

Protanopia

49.9347, 6.7824, -39.2029

Deuteranopia

49.8497, 4.2126, -32.7528



Tritanopia

49.9349, -2.2855, -2.5362

Trichromacy



Original Color

49.8424, 16.7819, -33.9948

Protanomaly

49.7291, 10.0379, -37.2914

Deuteranomaly

49.8367, 8.5189, -33.4237

Tritanomaly

49.7989, 4.3116, -12.7656

Monochromacy



Original Color

49.8424, 16.7819, -33.9948

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.1985, 3.7997, -8.8264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8424, 16.7819, -33.9948 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(142, 126, 200)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 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(142, 126, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8424, 16.7819, -33.9948 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(142, 126, 200) }
```


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

```
.border{ border-color:rgb(142, 126, 200) }
```

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

Here you see how a box with a 4 pixel rgb(142, 126, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 200);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8424, 16.7819, -33.9948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 200) }
```

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

```
.background{ background-color: rgb(142,  
126, 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](#).

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