

Converting Colors

HunterLab(49.8003, 33.7631,
-34.8412)

Have a look what the booklet for
HunterLab(49.8003, 33.7631,
-34.8412) contains.

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Color

**HunterLab(49.6887, 33.6420,
-34.7290)**

Conversions

Conversions Part 1	
Format	Color
Hex	AD70C9
RGB	173, 112, 201
RGB Percent	68%, 44%, 79%
CMY	0.3216, 0.5608, 0.2118
CMYK	0.14, 0.44, 0.00, 0.21
HSL	281°, 45%, 61%
HSV	281°, 44%, 79%
XYZ	33.5704, 24.6897, 58.2546
YIQ	140.3850, 7.7870, 40.6110

Conversions

Conversions Part 2

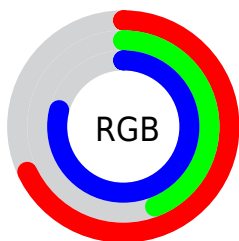
Format	Color
RYB	173, 112, 201
Decimal	11366601
CIELab	56.77, 39.76, -36.89
CIELCh	57, 54.241, 317.144
Yxy	24.6907, 0.2881, 0.2119
Android (android.graphics.Color)	4289556681 (0xFFAD70C9)
YUV	140.3850, 29.8832, 28.6034
Hunter-Lab	49.6887, 33.6420, -34.7290

Details

The HunterLab color **49.6887, 33.6420, -34.7290** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **69.6557, -33.1616, 29.2920**, and the grayscale version is **51.2475, -2.7344, 2.7844**.

A 20% lighter version of the original color is **71.3816, 35.4694, -33.9759**, and **30.7795, 30.7875, -33.6675** is the 20% darker color. If you saturate the color by 10%, you get **44.7607, 42.2222, -44.8753**, and if you desaturate by 10%, it is **55.1093, 24.9371, -25.0562**.

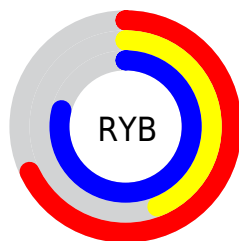
Distribution



Red (68%)

Green (44%)

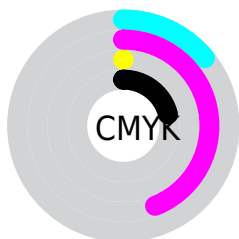
Blue (79%)



Red (68%)

Yellow (44%)

Blue (79%)

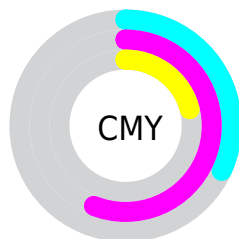


Cyan (14%)

Magenta (44%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (56%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.6887, 33.6420, -34.7290 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 49.6887, 33.6420, -34.7290 by changing the saturation by 10% instead.


 49.6887, 33.6420,
-34.7290


 49.6887, 33.6420,
-34.7290


166.2210, 41.8374,
-39.0785


 39.8080, 32.2390,
-34.0901


 71.5227, 36.0960,
-35.9915


 30.6852, 30.7121,
-33.5172


 83.3931, 37.1664,
-36.5749

 22.3905, 29.0643,
-33.1373

 95.8561, 38.1428,
-37.1137

 15.0170, 27.3361,
-33.2684

 108.8846, 39.0324,
-37.6046

 8.6590, 25.9697,
-35.1012

122.4551, 39.8414,
-38.0462

0.0000, INF, -NF

0.0000, NaN, -NF

136.5467, 40.5754,

-38.4386 0.0000, NaN, NaN

151.1409, 41.2393,
-38.7823 0.0000, NaN, NaN

■ 49.6887, 33.6420,
-34.7290 ■ 49.6887, 33.6420,
-34.7290

■ 44.7607, 42.2222,
-44.8753 ■ 55.1093, 24.9371,
-25.0562


■ 40.4186, 50.3426,
-55.2718 ■ 60.9385, 16.2914,
-15.9287


■ 36.7693, 57.4552,
-65.4413 ■ 67.1125, 7.7843,
-7.3273


■ 33.9080, 62.8362,
-74.6288 ■ 73.5799, -0.5591,
0.8028


■ 31.8820, 65.8018,
-81.9656 ■ 80.3004, -8.7422,
8.5272

 30.9844, 66.6717,
-85.4802

 87.2419, -16.7811,
15.9102

 94.3788, -24.6964,
23.0092

 95.6656, -23.8984,
24.2829

 96.2007, -21.9376,
24.8376

Harmonies

Analogous

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



49.6897, 10.9054, -55.7328



49.6887, 33.6420, -34.7290



49.6897, 47.5751, -7.4712

Triad

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



49.6897, 33.6409, -34.7275



49.6897, 7.4564, 28.5713



49.6897, -37.9193, -11.1873

Complementary

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



49.6887, 33.6420, -34.7290



69.6557, -33.1616, 29.2920

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.



49.6897, -38.5070, 11.0998



49.6887, 33.6420, -34.7290



49.6897, -14.8992, 28.2978

Square

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



49.6897, 33.6409, -34.7275



49.6897, 30.7277, 24.5581



49.6897, -30.8210, 23.4965



49.6897, -29.0385, -38.4779

Rectangle

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



49.6887, 33.6420, -34.7290



49.6897, 48.6114, 7.6051



49.6897, -30.8210, 23.4965



49.6897, -39.0283, -2.7518

Sweetspot

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



49.6897, 33.6409, -34.7275



88.7233, 8.9796, -8.3942



51.4516, 2.3486, -31.9319



40.1902, 5.2961, -5.0157

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6897, 33.6409, -34.7275



58.8945, 54.6563, -57.9957



52.4368, 39.6535, -18.6949



32.6234, 1.7063, -1.5267



24.6716, 52.9978, -67.3662



5.7056, 11.9713, -13.3704

Inverse Universe

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



50.8923, 32.3507, 3.0199



61.0562, 52.4633, 5.1804



68.4000, -37.5306, 23.6928



32.6971, 1.5704, 1.5507



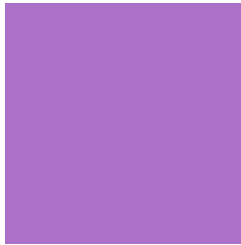
28.3720, 49.4411, 11.7201



6.2801, 11.1481, 1.0091

Previews

White Background



This preview shows how the HunterLab color 49.6887, 33.6420, -34.7290 looks on a white background.

Color Contrast Check

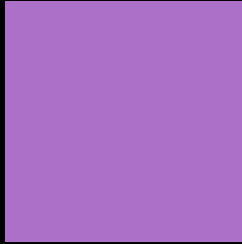
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6887, 33.6420, -34.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

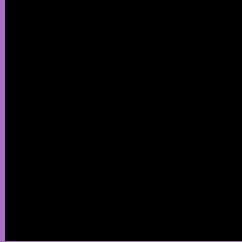
Any Text WCAG AA ✓ Pass

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 49.6887, 33.6420, -34.7290 Background



This preview shows how black text looks on a background with the HunterLab color 49.6887, 33.6420, -34.7290.



This preview shows how white text looks on a background with the HunterLab color 49.6887, 33.6420, -34.7290.

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

49.6887, 33.6420, -34.7290

Protanopia

50.1010, 8.6505, -49.1055

Deuteranopia

49.8239, 3.9423, -31.3765



Tritanopia

49.7422, 10.3344, 3.0684

Trichromacy



Original Color

49.6887, 33.6420, -34.7290

Protanomaly

49.3102, 16.4162, -45.0191

Deuteranomaly

49.4033, 13.8953, -33.4325

Tritanomaly

49.6715, 18.1556, -8.7725

Monochromacy



Original Color

49.6887, 33.6420, -34.7290

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.2487, 9.5874, -9.2021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6887, 33.6420, -34.7290 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(173, 112, 201)` looks like.

```
.text, #text, p{  
    color:rgb(173, 112, 201)  
}
```

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(173, 112, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 112, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6887, 33.6420, -34.7290 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(173, 112, 201) }
```


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

```
.border{ border-color:rgb(173, 112, 201) }
```

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

Here you see how a box with a 4 pixel rgb(173, 112, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 112, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 112, 201);  
box-shadow:4px 4px 4px 4px rgb(173, 112,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6887, 33.6420, -34.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 112, 201) }
```

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

```
.background{ background-color: rgb(173,  
112, 201) }
```

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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