

Converting Colors

HunterLab(49.5899, 49.9854,
-33.0973)

Have a look what the booklet for
HunterLab(49.5899, 49.9854,
-33.0973) contains.

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Color

**HunterLab(49.6300, 49.9802,
-33.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	C760C7
RGB	199, 96, 199
RGB Percent	78%, 38%, 78%
CMY	0.2196, 0.6235, 0.2196
CMYK	0.00, 0.52, 0.00, 0.22
HSL	300°, 48%, 58%
HSV	300°, 52%, 78%
XYZ	38.0449, 24.6314, 56.7819
YIQ	138.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

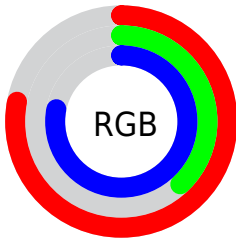
Format	Color
RYB	199, 96, 199
Decimal	13066439
CIELab	56.72, 55.06, -35.61
CIElCh	57, 65.574, 327.106
Yxy	24.6325, 0.3185, 0.2062
Android (android.graphics.Color)	4291256519 (0xFFC760C7)
YUV	138.5390, 29.8073, 53.0243
Hunter-Lab	49.6300, 49.9802, -33.0930

Details

The HunterLab color $49.6300, 49.9802, -33.0930$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $66.4674, -42.8428, 30.3343$, and the grayscale version is $50.5064, -2.6949, 2.7441$.

A 20% lighter version of the original color is $71.1430, 52.0268, -34.0966$, and $30.7731, 46.0984, -31.8428$ is the 20% darker color. If you saturate the color by 10%, you get $46.3132, 59.4526, -39.5940$, and if you desaturate by 10%, it is $53.6048, 39.7112, -26.0376$.

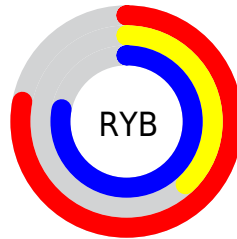
Distribution



Red (78%)

Green (38%)

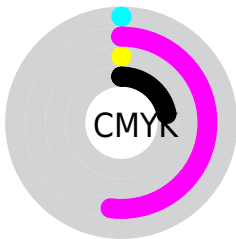
Blue (78%)



Red (78%)

Yellow (38%)

Blue (78%)

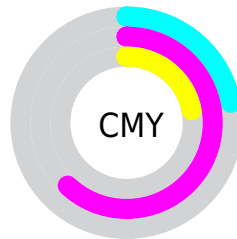


Cyan (0%)

Magenta (52%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (62%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6300, 49.9802, -33.0930 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 49.6300, 49.9802, -33.0930 by changing the saturation by 10% instead.

■ 49.6300, 49.9802,
-33.0930

■ 49.6300, 49.9802,
-33.0930

166.1333, 62.8575,
-37.2033

■ 39.7536, 48.0536,
-32.4601

■ 71.4565, 53.5138,
-34.3188

■ 30.6352, 46.0437,
-31.8777

■ 83.3235, 55.1233,
-34.8773

■ 22.3456, 44.0041,
-31.4596

■ 95.7831, 56.6325,
-35.3890

■ 14.9777, 42.1011,
-31.4940

■ 108.8084, 58.0468,
-35.8511

■ 8.6224, 41.2594,
-33.0954

122.3759, 59.3714,
-36.2630

0.0000, INF, -NF

0.0000, NaN, -NF

136.4646, 60.6116,

-36.6250

0.0000, NaN, NaN

151.0560, 61.7722,
-36.9380

0.0000, NaN, NaN

■ 49.6300, 49.9802,
-33.0930

■ 49.6300, 49.9802,
-33.0930

■ 46.3132, 59.4526,
-39.5940

■ 53.6048, 39.7112,
-26.0376

■ 43.7196, 67.5596,
-45.1538

■ 58.1544, 29.1072,
-18.7444

■ 41.8880, 73.7234,
-49.3784

■ 63.2013, 18.4731,
-11.4218

■ 40.8026, 77.5710,
-52.0144

■ 68.6746, 7.9881,
-4.1929

■ 40.3309, 79.2918,
-53.1930

■ 74.5138, -2.2596,
2.8814

■ 80.6682, -12.2395,
9.7791

■ 87.0964, -21.9536,
16.5011

■ 93.6941, -31.3243,
22.9926

■ 93.6941, -31.3243,
22.9926

Harmonies

Analogous

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



49.6311, 23.7983, -66.1206



49.6300, 49.9802, -33.0930



49.6311, 61.9283, 0.0960

Triad

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



49.6311, 49.9783, -33.0913



49.6311, 0.0454, 31.2506



49.6311, -41.4782, -26.0986

Complementary

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



49.6300, 49.9802, -33.0930



66.4674, -42.8428, 30.3343

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.



49.6311, -45.1726, 5.1731



49.6300, 49.9802, -33.0930



49.6311, -24.5089, 29.8515

Square

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



49.6311, 49.9783, -33.0913



49.6311, 29.4354, 29.0903



49.6311, -39.6884, 22.9835



49.6311, -28.2149, -60.7669

Rectangle

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



49.6300, 49.9802, -33.0930



49.6311, 58.6342, 15.3312



49.6311, -39.6884, 22.9835



49.6311, -43.7355, -14.4783

Sweetspot

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



49.6311, 49.9783, -33.0913



87.5639, 16.7488, -9.8095



38.7005, 21.3692, -58.5596



39.8135, 9.0913, -5.4639

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6311, 49.9783, -33.0913



60.8365, 80.0130, -53.3137



47.5724, 40.7310, -4.6344



32.8887, 2.5975, -1.1729



32.3406, 63.5826, -42.6545



7.0373, 13.8356, -9.2817

Inverse Universe

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



49.6311, 49.9783, -33.0913



60.8365, 80.0130, -53.3137



67.4218, -37.0956, 16.4387



32.8887, 2.5975, -1.1729



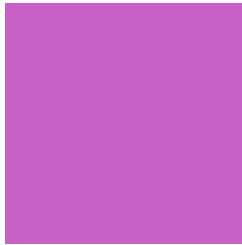
32.3406, 63.5826, -42.6545



7.0373, 13.8356, -9.2817

Previews

White Background



This preview shows how the HunterLab color 49.6300, 49.9802, -33.0930 looks on a white background.

Color Contrast Check

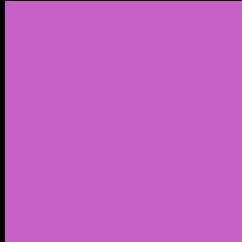
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6300, 49.9802, -33.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

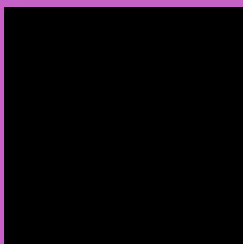
Any Text WCAG AA ✓ Pass

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 49.6300, 49.9802, -33.0930 Background



This preview shows how black text looks on a background with the HunterLab color 49.6300, 49.9802, -33.0930.



This preview shows how white text looks on a background with the HunterLab color 49.6300, 49.9802, -33.0930.

-33.0930.

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

49.6300, 49.9802, -33.0930

Protanopia

49.9775, 10.8681, -58.7023

Deuteranopia

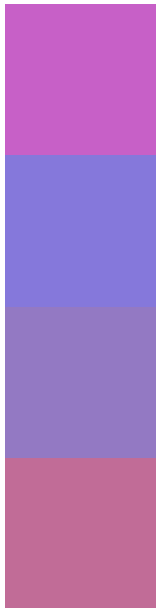
49.9156, 3.8887, -28.4091



Tritanopia

49.6374, 24.4013, 8.6306

Trichromacy



Original Color

49.6300, 49.9802, -33.0930

Protanomaly

48.5118, 22.4561, -51.6217

Deuteranomaly

48.8036, 19.6387, -32.3070

Tritanomaly

49.2919, 33.0270, -4.2651

Monochromacy



Original Color

49.6300, 49.9802, -33.0930

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.3115, 15.8351, -9.8786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6300, 49.9802, -33.0930 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(199, 96, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 96, 199)  
}
```

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(199, 96, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 96, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6300, 49.9802, -33.0930 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(199, 96, 199) }
```


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

```
.border{ border-color:rgb(199, 96, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 96, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 96, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 96, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 96,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6300, 49.9802, -33.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 96, 199) }
```

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

```
.background{ background-color: rgb(199, 96,  
199) }
```

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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