

Converting Colors

HunterLab(49.9315, 31.7886,
-13.9477)

Have a look what the booklet for
HunterLab(49.9315, 31.7886,
-13.9477) contains.

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Color

**HunterLab(49.9297, 31.6700,
-13.8389)**

Conversions

Conversions Part 1

Format	Color
Hex	BA70AA
RGB	186, 112, 170
RGB Percent	73%, 44%, 67%
CMY	0.2706, 0.5608, 0.3333
CMYK	0.00, 0.40, 0.09, 0.27
HSL	313°, 35%, 58%
HSV	313°, 40%, 73%
XYZ	33.2996, 24.9297, 41.0871
YIQ	140.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

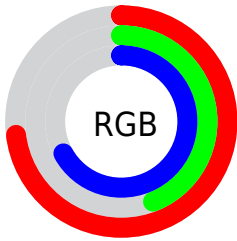
Format	Color
R _{YB}	186, 112, 170
Decimal	12218538
CIE _{Lab}	57.01, 37.79, -18.65
CIE _{LCh}	57, 42.146, 333.735
Yxy	24.9309, 0.3353, 0.2510
Android (android.graphics.Color)	4290408618 (0xFFBA70AA)
YUV	140.7380, 14.4262, 39.6948
Hunter-Lab	49.9297, 31.6700, -13.8389

Details

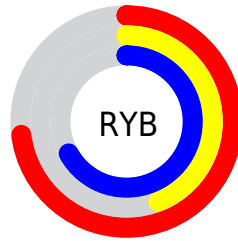
The HunterLab color $49.9297, 31.6700, -13.8389$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $63.3419, -31.5531, 19.3613$, and the grayscale version is $51.4431, -2.7449, 2.7950$.

A 20% lighter version of the original color is $71.6946, 33.8965, -14.1379$, and $30.9492, 28.6183, -13.2627$ is the 20% darker color. If you saturate the color by 10%, you get $45.9255, 40.4333, -17.5547$, and if you desaturate by 10%, it is $54.4267, 22.6740, -9.7007$.

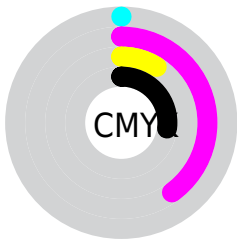
Distribution



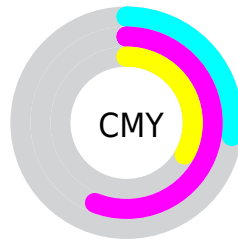
- Red (73%)
- Green (44%)
- Blue (67%)



- Red (73%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9297, 31.6700, -13.8389 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 49.9297, 31.6700, -13.8389 by changing the saturation by 10% instead.

49.9297, 31.6700,
-13.8389

49.9297, 31.6700,
-13.8389

166.5814, 39.2076,
-13.7937

40.0320, 30.3460,
-13.5472

71.7949, 33.9656,
-14.2174

30.8905, 28.8973,
-13.1879

83.6796, 34.9594,
-14.3136

22.5755, 27.3215,
-12.7658

96.1561, 35.8610,
-14.3524

15.1790, 25.6470,
-12.3097

109.1976, 36.6776,
-14.3372

8.8081, 24.1803,
-12.0065

122.7806, 37.4154,
-14.2710

0.0000, INF, -NF

0.0000, NaN, NaN

136.8843, 38.0799,

-14.1568

0.0000, NaN, NaN

151.4901, 38.6759,
-13.9969

0.0000, NaN, NaN

■ 49.9297, 31.6700,
-13.8389

■ 49.9297, 31.6700,
-13.8389

■ 45.9255, 40.4333,
-17.5547

■ 54.4267, 22.6740,
-9.7007

■ 42.4876, 48.6187,
-20.6406

■ 59.3423, 13.6729,
-5.3000

■ 39.6911, 55.7437,
-22.8436

■ 64.6163, 4.7873,
-0.7410

■ 37.5905, 61.2683,
-23.9243

■ 70.1975, -3.9262,
3.9088

■ 36.1989, 64.7573,
-23.7457

■ 76.0439, -12.4506,
8.6084

■ 35.3826, 66.3837,
-22.5149

■ 82.1216, -20.7908,
13.3338

■ 35.3663, 66.4147,
-22.4856

■ 88.4025, -28.9624,
18.0718

■ 92.8611, -34.3109,
20.8737

■ 92.9651, -33.7087,
19.3734

Harmonies

Analogous

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



49.9308, 17.6762, -32.4010



49.9297, 31.6700, -13.8389



49.9308, 36.0384, 4.7815

Triad

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



49.9308, 31.6681, -13.8376



49.9308, -4.8650, 25.4343



49.9308, -27.9363, -18.8142

Complementary

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



49.9297, 31.6700, -13.8389



63.3419, -31.5531, 19.3613

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.



49.9308, -32.2939, 0.5622



49.9297, 31.6700, -13.8389



49.9308, -20.1981, 22.8422

Square

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



49.9308, 31.6681, -13.8376



49.9308, 13.3051, 23.9075



49.9308, -29.6702, 15.0276



49.9308, -16.8535, -35.9077

Rectangle

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



49.9297, 31.6700, -13.8389



49.9308, 32.4665, 14.0729



49.9308, -29.6702, 15.0276



49.9308, -30.1604, -12.1499

Sweetspot

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



49.9308, 31.6681, -13.8376



85.2377, 9.3157, -2.4943



44.3075, 16.6557, -34.5699



39.5581, 5.1042, -1.5496



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



49.9308, 31.6681, -13.8376



62.3305, 53.2949, -23.1720



48.7396, 25.9007, 2.9595



30.2135, 2.0438, -0.2475



29.0278, 54.5444, -18.7099



5.5268, 10.5118, -4.5452

Inverse Universe

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



49.9308, 31.6681, -13.8376



62.3305, 53.2949, -23.1720



64.2156, -26.4159, 6.7654



30.2135, 2.0438, -0.2475



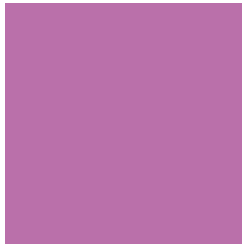
29.0278, 54.5444, -18.7099



5.5268, 10.5118, -4.5452

Previews

White Background



This preview shows how the HunterLab color 49.9297, 31.6700, -13.8389 looks on a white background.

Color Contrast Check

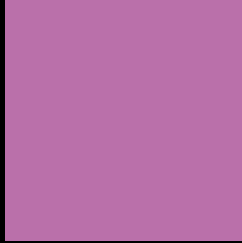
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9297, 31.6700, -13.8389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

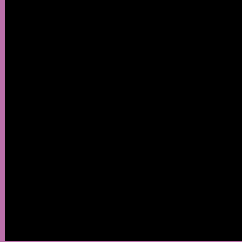
Any Text WCAG AA ✓ Pass

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 49.9297, 31.6700, -13.8389 Background



This preview shows how black text looks on a background with the HunterLab color 49.9297, 31.6700, -13.8389.



This preview shows how white text looks on a background with the HunterLab color 49.9297, 31.6700, -13.8389.

-13.8389.

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

49.9297, 31.6700, -13.8389

Protanopia

50.0533, 3.9140, -24.7783

Deuteranopia

50.0376, 3.6198, -11.8509



Tritanopia

49.8414, 19.2691, 6.3433

Trichromacy



Original Color

49.9297, 31.6700, -13.8389

Protanomaly

49.5325, 12.8050, -21.5819

Deuteranomaly

49.5800, 13.1862, -12.9374

Tritanomaly

49.8031, 23.6789, -0.3087

Monochromacy



Original Color

49.9297, 31.6700, -13.8389

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.3988, 9.3943, -3.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9297, 31.6700, -13.8389 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(186, 112, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 112, 170)  
}
```

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(186, 112, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 112, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9297, 31.6700, -13.8389 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(186, 112, 170) }
```


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

```
.border{ border-color:rgb(186, 112, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 112, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 112, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 112, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 112,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9297, 31.6700, -13.8389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 112, 170) }
```

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

```
.background{ background-color: rgb(186,  
112, 170) }
```

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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