

Converting Colors

HunterLab(49.9105, 37.8895,
-31.5130)

Have a look what the booklet for
HunterLab(49.9105, 37.8895,
-31.5130) contains.

| | |
|--|----|
| HunterLab(49.8233, 38.0914, -31.4923) | 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(49.8233, 38.0914,
-31.4923)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B76CC5 |
| RGB | 183, 108, 197 |
| RGB Percent | 72%, 42%, 77% |
| CMY | 0.2823, 0.5765, 0.2274 |
| CMYK | 0.07, 0.45, 0.00, 0.23 |
| HSL | 291°, 43%, 60% |
| HSV | 291°, 45%, 77% |
| XYZ | 34.9690, 24.8236, 55.7717 |
| YIQ | 140.5710, 16.1310, 43.5790 |

Conversions

Conversions Part 2

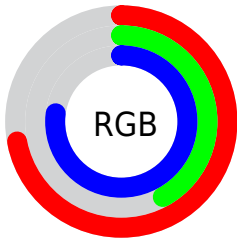
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 108, 197 |
| Decimal | 12020933 |
| CIELab | 56.90, 44.04, -34.33 |
| CIELCh | 57, 55.835, 322.064 |
| Yxy | 24.8247, 0.3026, 0.2148 |
| Android (android.graphics.Color) | 4290211013 (0xFFB76CC5) |
| YUV | 140.5710, 27.8195, 37.2102 |
| Hunter-Lab | 49.8233, 38.0914, -31.4923 |

Details

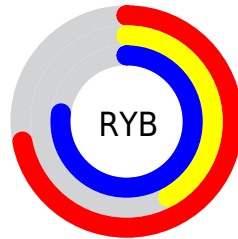
The HunterLab color $49.8233, 38.0914, -31.4923$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $67.1963, -36.0424, 28.2560$, and the grayscale version is $51.3273, -2.7387, 2.7887$.

A 20% lighter version of the original color is $71.5337, 40.9284, -32.9216$, and $30.8198, 34.8127, -30.3915$ is the 20% darker color. If you saturate the color by 10%, you get $45.5547, 47.2052, -39.8536$, and if you desaturate by 10%, it is $54.6298, 28.6680, -23.1653$.

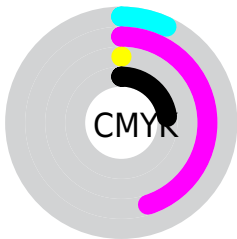
Distribution



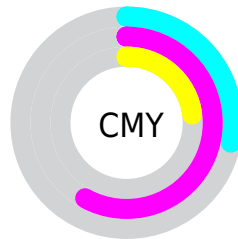
- Red (72%)
- Green (42%)
- Blue (77%)



- Red (72%)
- Yellow (42%)
- Blue (77%)



- Cyan (7%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8233, 38.0914, -31.4923 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 49.8233, 38.0914, -31.4923 by changing the saturation by 10% instead.

49.8233, 38.0914,
-31.4923

49.8233, 38.0914,
-31.4923

166.4223, 47.6359,
-35.3423

39.9331, 36.5300,
-30.8684

71.6747, 40.8630,
-32.6760

30.7998, 34.8512,
-30.2787

83.5531, 42.0897,
-33.2070

22.4938, 33.0686,
-29.8225

96.0236, 43.2196,
-33.6890

15.1074, 31.2486,
-29.7531

109.0594, 44.2597,
-34.1200

8.7426, 29.8719,
-31.0049

122.6369, 45.2161,
-34.4999

0.0000, INF, -NF

0.0000, NaN, -NF

136.7353, 46.0944,

-34.8295

0.0000, NaN, NaN

151.3360, 46.8995,
-35.1098

0.0000, NaN, NaN

■ 49.8233, 38.0914,
-31.4923

■ 49.8233, 38.0914,
-31.4923

■ 45.5547, 47.2052,
-39.8536

■ 54.6298, 28.6680,
-23.1653

■ 41.9083, 55.5845,
-47.9359

■ 59.8907, 19.2086,
-15.0533

■ 38.9675, 62.6434,
-55.2642

■ 65.5380, 9.8584,
-7.2310

■ 36.7883, 67.7499,
-61.2787

■ 71.5150, 0.6843,
0.2853

■ 35.3673, 70.4662,
-65.5274

■ 77.7755, -8.2935,
7.5110

■ 34.8419, 71.2376,
-67.1728

■ 84.2824, -17.0803,
14.4756

■ 91.0056, -25.6930,
21.2129

■ 94.3032, -29.1405,
24.3879

■ 94.5431, -28.2460,
24.6357

Harmonies

Analogous

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



49.8244, 15.4201, -55.6098



49.8233, 38.0914, -31.4923



49.8244, 50.2808, -3.5761

Triad

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



49.8244, 38.0899, -31.4908



49.8244, 3.7136, 29.2269



49.8244, -37.9213, -16.2257

Complementary

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



49.8233, 38.0914, -31.4923



67.1963, -36.0424, 28.2560

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.



49.8244, -39.8959, 8.2744



49.8233, 38.0914, -31.4923



49.8244, -18.4829, 28.3271

Square

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



49.8244, 38.0899, -31.4908



49.8244, 28.1763, 26.0578



49.8244, -33.4518, 22.5224



49.8244, -27.4467, -44.3215

Rectangle

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



49.8233, 38.0914, -31.4923



49.8244, 49.5027, 10.8649



49.8244, -33.4518, 22.5224



49.8244, -39.5121, -7.1043

Sweetspot

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



49.8244, 38.0899, -31.4908



88.4591, 12.0026, -8.6929



46.2008, 9.2691, -39.1583



40.1363, 6.8104, -5.0625

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8244, 38.0899, -31.4908



61.1502, 62.7633, -52.9505



50.3972, 37.1697, -11.4963



32.7550, 2.1493, -1.3508



28.3102, 57.8478, -54.3077



6.3470, 12.8474, -11.2322

Inverse Universe

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



48.9914, 30.5004, 8.4382



59.9296, 50.8796, 13.6687



67.0422, -35.5458, 19.5352



32.6553, 1.3456, 2.1469



28.0727, 48.3359, 16.1209



6.1806, 10.7836, 2.4503

Previews

White Background



This preview shows how the HunterLab color 49.8233, 38.0914, -31.4923 looks on a white background.

Color Contrast Check

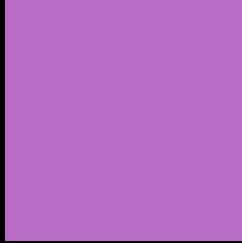
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8233, 38.0914, -31.4923 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 49.8233, 38.0914, -31.4923 Background



This preview shows how black text looks on a background with the HunterLab color 49.8233, 38.0914, -31.4923.



This preview shows how white text looks on a background with the HunterLab color 49.8233, 38.0914, -31.4923.

-31.4923.

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

49.8233, 38.0914, -31.4923

Protanopia

50.1076, 8.5666, -48.2730

Deuteranopia

49.9853, 4.1219, -28.2794



Tritanopia

49.8302, 15.6172, 5.0046

Trichromacy



Original Color

49.8233, 38.0914, -31.4923

Protanomaly

49.3527, 17.6682, -43.3167

Deuteranomaly

49.3083, 15.8930, -30.7093

Tritanomaly

49.7034, 22.9512, -6.4901

Monochromacy



Original Color

49.8233, 38.0914, -31.4923

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.3405, 11.1653, -8.4976

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8233, 38.0914, -31.4923 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(183, 108, 197)` looks like.

```
.text, #text, p{  
    color:rgb(183, 108, 197)  
}
```

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(183, 108, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 108, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8233, 38.0914, -31.4923 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(183, 108, 197) }
```


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

```
.border{ border-color:rgb(183, 108, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 108, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 108, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 108, 197);  
box-shadow:4px 4px 4px 4px rgb(183, 108,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8233, 38.0914, -31.4923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 108, 197) }
```

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

```
.background{ background-color: rgb(183,  
108, 197) }
```

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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