

Converting Colors

HunterLab(49.6100, 31.9233,
2.9025)

Have a look what the booklet for
HunterLab(49.6100, 31.9233,
2.9025) contains.

HunterLab(49.6122, 31.9452, 2.8465)	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(49.6122, 31.9452,
2.8465)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D89
RGB	197, 109, 137
RGB Percent	77%, 43%, 54%
CMY	0.2275, 0.5725, 0.4627
CMYK	0.00, 0.45, 0.30, 0.23
HSL	341°, 43%, 60%
HSV	341°, 45%, 77%
XYZ	33.0099, 24.6137, 26.6780
YIQ	138.5040, 43.4600, 27.3640

Conversions

Conversions Part 2

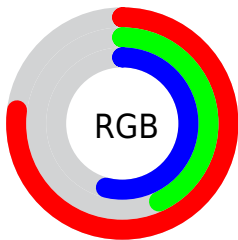
Format	Color
RYB	197, 109, 137
Decimal	12938633
CIELab	56.70, 38.10, 0.19
CIElCh	57, 38.105, 0.289
Yxy	24.6149, 0.3916, 0.2920
Android (android.graphics.Color)	4291128713 (0xFFC56D89)
YUV	138.5040, -0.7415, 51.3010
Hunter-Lab	49.6122, 31.9452, 2.8465

Details

The HunterLab color **49.6122, 31.9452, 2.8465** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **67.8593, -30.8036, 8.4772**, and the grayscale version is **50.6059, -2.7002, 2.7495**.

A 20% lighter version of the original color is **71.2870, 34.1357, 4.0075**, and **30.6218, 29.2903, 1.9234** is the 20% darker color. If you saturate the color by 10%, you get **45.2884, 39.9126, 3.8280**, and if you desaturate by 10%, it is **54.5063, 23.7449, 2.4164**.

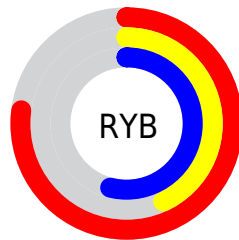
Distribution



Red (77%)

Green (43%)

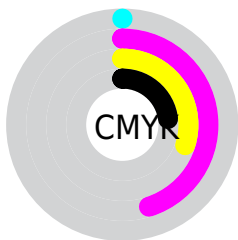
Blue (54%)



Red (77%)

Yellow (43%)

Blue (54%)

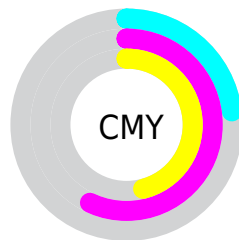


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6122, 31.9452, 2.8465 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 49.6122, 31.9452, 2.8465 by changing the saturation by 10% instead.

49.6122, 31.9452,
2.8465

49.6122, 31.9452,
2.8465

166.1068, 39.6069,
9.2617

39.7371, 30.6044,
2.2995

71.4366, 34.2711,
4.0545

30.6202, 29.1397,
1.7918

83.3024, 35.2796,
4.7091

22.3320, 27.5491,
1.3281

95.7611, 36.1955,
5.3956

14.9658, 25.8641,
0.9130

108.7854, 37.0259,
6.1125

8.6113, 24.5271,
0.5612

122.3520, 37.7770,
6.8587

0.0000, INF, NaN

0.0000, NaN, NaN

136.4398, 38.4544,

7.6329

0.0000, NaN, NaN

151.0303, 39.0630,
8.4342

0.0000, NaN, NaN

■ 49.6122, 31.9452,
2.8465

■ 49.6122, 31.9452,
2.8465

■ 45.2884, 39.9126,
3.8280

■ 54.5063, 23.7449,
2.4164

■ 41.6295, 47.2648,
5.4142

■ 59.8774, 15.5562,
2.4540

■ 38.7311, 53.4588,
7.6004


■ 65.6512, 7.4988,
2.8796


■ 36.6579, 57.9098,
10.2774


■ 71.7659, -0.3769,
3.6219


■ 35.4099, 60.2277,
13.2166


■ 78.1721, -8.0614,
4.6222

 34.9651, 60.8948,
14.7177

 84.8303, -15.5657,
5.8337

 91.7089, -22.9096,
7.2196

 94.8420, -24.4691,
4.2784

 95.1895, -22.4981,
-0.6662

Harmonies

Analogous

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



49.6134, 26.9366, -14.0684



49.6122, 31.9452, 2.8465



49.6134, 26.7476, 15.2900

Triad

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



49.6134, 31.9426, 2.8476



49.6134, -17.2070, 21.8822



49.6134, -16.9706, -29.9589

Complementary

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



49.6122, 31.9452, 2.8465



67.8593, -30.8036, 8.4772

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.



49.6134, -26.4788, -14.4067



49.6122, 31.9452, 2.8465



49.6134, -26.6027, 15.1066

Square

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



49.6134, 31.9426, 2.8476



49.6134, -2.8046, 23.9310



49.6134, -29.7743, 2.5532



49.6134, -2.4951, -36.2904

Rectangle

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



49.6122, 31.9452, 2.8465



49.6134, 18.5335, 20.3264



49.6134, -29.7743, 2.5532



49.6134, -20.7846, -25.4358

Sweetspot

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



49.6134, 31.9426, 2.8476



89.0346, 8.4725, 3.9751



48.2267, 32.6568, -34.6524



40.3638, 5.0249, 1.7551

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.6134, 31.9426, 2.8476



60.5224, 53.5818, 5.1507



52.2567, 21.1131, 16.1529



32.6980, 1.5755, 1.5371



28.3811, 49.4746, 11.5868



6.2825, 11.1568, 0.9750

Inverse Universe

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



49.6134, 31.9426, 2.8476



60.5224, 53.5818, 5.1507



63.9342, -19.2431, -9.9273



32.6980, 1.5755, 1.5371



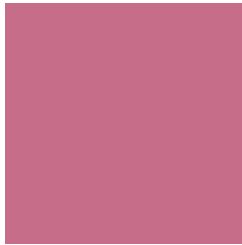
28.3811, 49.4746, 11.5868



6.2825, 11.1568, 0.9750

Previews

White Background



This preview shows how the HunterLab color 49.6122, 31.9452, 2.8465 looks on a white background.

Color Contrast Check

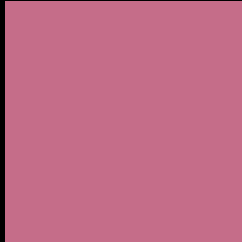
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6122, 31.9452, 2.8465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

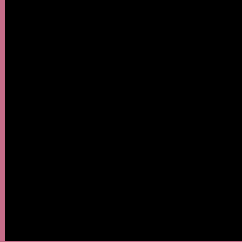
Any Text WCAG AA ✓ Pass

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 49.6122, 31.9452, 2.8465 Background



This preview shows how black text looks on a background with the HunterLab color 49.6122, 31.9452, 2.8465.



This preview shows how white text looks on a background with the HunterLab color 49.6122, 31.9452,

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

49.6122, 31.9452, 2.8465

Protanopia

49.9766, -0.3621, -4.9642

Deuteranopia

49.7748, 3.4352, 4.2988



Tritanopia

49.5444, 27.4709, 9.7454

Trichromacy



Original Color

49.6122, 31.9452, 2.8465

Protanomaly

49.1898, 10.5598, -2.7762

Deuteranomaly

49.4584, 13.2722, 3.6707

Tritanomaly

49.6095, 29.0973, 7.4882

Monochromacy



Original Color

49.6122, 31.9452, 2.8465

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

49.7463, 9.1218, 2.1554

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6122, 31.9452, 2.8465 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(197, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 137)  
}
```

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(197, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6122, 31.9452, 2.8465 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(197, 109, 137) }
```


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

```
.border{ border-color:rgb(197, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6122, 31.9452, 2.8465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 137) }
```

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

```
.background{ background-color: rgb(197,  
109, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor