

Converting Colors

HunterLab(49.6680, 42.0356,
-21.9846)

Have a look what the booklet for
HunterLab(49.6680, 42.0356,
-21.9846) contains.

HunterLab(49.7207, 41.8830, -22.0510)	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(49.7207, 41.8830,
-22.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	C367B7
RGB	195, 103, 183
RGB Percent	76%, 40%, 72%
CMY	0.2353, 0.5961, 0.2824
CMYK	0.00, 0.47, 0.06, 0.24
HSL	308°, 43%, 58%
HSV	308°, 47%, 76%
XYZ	35.9031, 24.7215, 47.6791
YIQ	139.6280, 29.1520, 44.3840

Conversions

Conversions Part 2

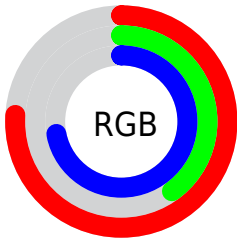
Format	Color
RYB	195, 103, 183
Decimal	12806071
CIELab	56.80, 47.63, -26.35
CIELCh	57, 54.434, 331.047
Yxy	24.7226, 0.3315, 0.2283
Android (android.graphics.Color)	4290996151 (0xFFC367B7)
YUV	139.6280, 21.3824, 48.5612
Hunter-Lab	49.7207, 41.8830, -22.0510

Details

The HunterLab color $49.7207, 41.8830, -22.0510$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $65.6905, -38.3194, 25.1666$, and the grayscale version is $50.9724, -2.7198, 2.7694$.

A 20% lighter version of the original color is $71.5741, 44.6932, -22.7599$, and $30.6299, 38.5756, -21.3308$ is the 20% darker color. If you saturate the color by 10%, you get $46.0220, 51.0340, -26.6916$, and if you desaturate by 10%, it is $54.0106, 32.1988, -16.8720$.

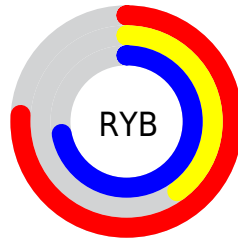
Distribution



Red (76%)

Green (40%)

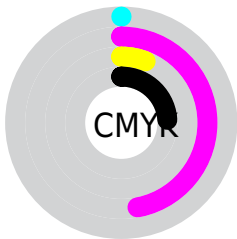
Blue (72%)



Red (76%)

Yellow (40%)

Blue (72%)

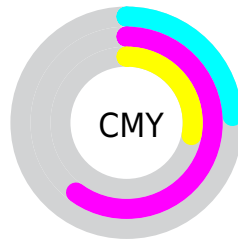


Cyan (0%)

Magenta (47%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7207, 41.8830, -22.0510 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 49.7207, 41.8830, -22.0510 by changing the saturation by 10% instead.

49.7207, 41.8830,
-22.0510

49.7207, 41.8830,
-22.0510

166.2690, 52.5467,
-24.1060

39.8378, 40.1937,
-21.5470

71.5590, 44.9146,
-22.8936

30.7125, 38.3958,
-21.0082

83.4313, 46.2705,
-23.2288

22.4152, 36.5134,
-20.4737

95.8960, 47.5279,
-23.5065

15.0386, 34.6414,
-20.0550

108.9262, 48.6931,
-23.7287

8.6791, 33.4049,
-20.2547

122.4984, 49.7724,
-23.8976

0.0000, INF, -NF

0.0000, NaN, -NF

136.5917, 50.7712,

-24.0153

0.0000, NaN, NaN

151.1874, 51.6945,
-24.0840

0.0000, NaN, NaN

■ 49.7207, 41.8830,
-22.0510

■ 49.7207, 41.8830,
-22.0510

■ 46.0220, 51.0340,
-26.6916

■ 54.0106, 32.1988,
-16.8720

■ 42.9888, 59.1640,
-30.5026

■ 58.8085, 22.3397,
-11.3880

■ 40.6830, 65.6959,
-33.1658

■ 64.0424, 12.5220,
-5.7542

■ 39.1255, 70.1294,
-34.4402

■ 69.6493, 2.8629,
-0.0678

■ 38.2553, 72.3250,
-34.3192

■ 75.5764, -6.5866,
5.6156

■ 38.0632, 72.7657,
-34.1742

■ 81.7807, -15.8145,
11.2675

■ 88.2268, -24.8304,
16.8758

■ 93.5151, -31.7790,
21.1066

■ 93.5806, -31.4015,
20.1612

Harmonies

Analogous

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



49.7218, 22.0701, -48.0087



49.7207, 41.8830, -22.0510



49.7218, 49.2872, 3.4634

Triad

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



49.7218, 41.8810, -22.0495



49.7218, -3.4552, 28.9721



49.7218, -34.9529, -24.0061

Complementary

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



49.7207, 41.8830, -22.0510



65.6905, -38.3194, 25.1666

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.



49.7218, -39.3745, 1.9375



49.7207, 41.8830, -22.0510



49.7218, -23.3307, 26.8374

Square

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



49.7218, 41.8810, -22.0495



49.7218, 20.4295, 27.1349



49.7218, -35.5321, 18.9750



49.7218, -22.1720, -49.4522

Rectangle

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



49.7207, 41.8830, -22.0510



49.7218, 45.3042, 15.4892



49.7218, -35.5321, 18.9750



49.7218, -37.3506, -14.7474

Sweetspot

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



49.7218, 41.8810, -22.0495



87.8794, 12.9049, -5.4511



41.4747, 20.4102, -47.8942



40.3669, 7.3780, -3.3334

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7218, 41.8810, -22.0495



61.2731, 69.1202, -36.1228



48.1108, 34.3973, 0.4895



31.9753, 2.3180, -0.6135



30.7005, 58.7134, -27.7424



6.4317, 12.3802, -6.4317

Inverse Universe

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



49.7218, 41.8810, -22.0495



61.2731, 69.1202, -36.1228



66.6658, -32.5064, 11.0396



31.9753, 2.3180, -0.6135



30.7005, 58.7134, -27.7424



6.4317, 12.3802, -6.4317

Previews

White Background



This preview shows how the HunterLab color 49.7207, 41.8830, -22.0510 looks on a white background.

Color Contrast Check

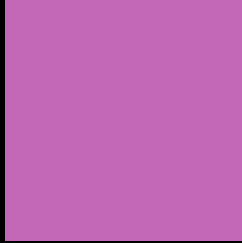
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7207, 41.8830, -22.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

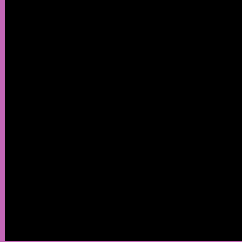
Any Text WCAG AA ✓ Pass

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 49.7207, 41.8830, -22.0510 Background



This preview shows how black text looks on a background with the HunterLab color 49.7207, 41.8830, -22.0510.



This preview shows how white text looks on a background with the HunterLab color 49.7207, 41.8830, -22.0510.

-22.0510.

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

49.7207, 41.8830, -22.0510

Protanopia

49.9838, 7.0420, -39.8620

Deuteranopia

49.8134, 3.7118, -18.7484



Tritanopia

49.6617, 23.3878, 7.8471

Trichromacy



Original Color

49.7207, 41.8830, -22.0510

Protanomaly

49.0308, 18.1236, -34.8088

Deuteranomaly

49.0877, 16.5273, -20.9748

Tritanomaly

49.5182, 29.9872, -1.5226

Monochromacy



Original Color

49.7207, 41.8830, -22.0510

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.0526, 12.5743, -6.1949

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7207, 41.8830, -22.0510 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(195, 103, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 103, 183)  
}
```

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(195, 103, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 103, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7207, 41.8830, -22.0510 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(195, 103, 183) }
```


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

```
.border{ border-color:rgb(195, 103, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 103, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 103, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 103, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 103,  
183) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7207, 41.8830, -22.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 103, 183) }
```

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

```
.background{ background-color: rgb(195,  
103, 183) }
```

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