

Converting Colors

HunterLab(42.2138, 77.3742,
-16.3210)

Have a look what the booklet for
HunterLab(42.2138, 77.3742,
-16.3210) contains.

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Color

**HunterLab(42.2203, 77.3801,
-16.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	DD049B
RGB	221, 4, 155
RGB Percent	87%, 2%, 61%
CMY	0.1333, 0.9841, 0.3922
CMYK	0.00, 0.98, 0.30, 0.13
HSL	318°, 96%, 44%
HSV	318°, 98%, 87%
XYZ	35.7786, 17.8255, 32.5653
YIQ	86.0970, 80.8610, 92.9650

Conversions

Conversions Part 2

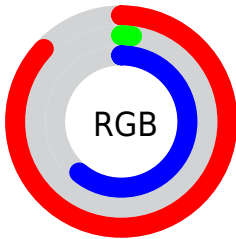
Format	Color
RYB	221, 4, 155
Decimal	14484635
CIELab	49.29, 79.62, -21.19
CIELCh	49, 82.393, 345.097
Yxy	17.8265, 0.4152, 0.2069
Android (android.graphics.Color)	4292674715 (0xFFDD049B)
YUV	86.0970, 33.9692, 118.3099
Hunter-Lab	42.2203, 77.3801, -16.1772

Details

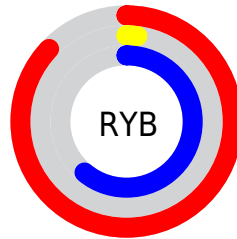
The HunterLab color **42.2203, 77.3801, -16.1772** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **72.2370, -59.6624, 38.7059**, and the grayscale version is **30.4088, -1.6225, 1.6522**.

A 20% lighter version of the original color is **58.3931, 71.9467, -24.6682**, and **29.1085, 53.2827, -7.8068** is the 20% darker color. If you saturate the color by 10%, you get **42.0686, 77.5713, -15.6653**, and if you desaturate by 10%, it is **43.2621, 75.6681, -18.6872**.

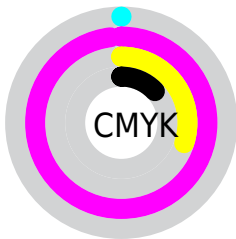
Distribution



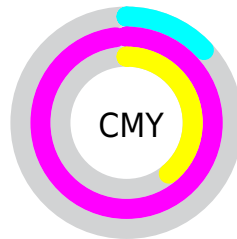
- Red (87%)
- Green (2%)
- Blue (61%)



- Red (87%)
- Yellow (2%)
- Blue (61%)



- Cyan (0%)
- Magenta (98%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (98%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.2203, 77.3801, -16.1772 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 42.2203, 77.3801, -16.1772 by changing the saturation by 10% instead.

42.2203, 77.3801,
-16.1772

42.2203, 77.3801,
-16.1772

154.8843, 97.1013,
-17.2393

32.9021, 74.9747,
-15.7576

63.0409, 82.2689,
-16.8204

24.3919, 72.8043,
-15.2876

74.4475, 84.6429,
-17.0470

16.7764, 71.2911,
-14.8036

86.4695, 86.9382,
-17.2131

10.1767, 71.6740,
-14.4374

99.0769, 89.1470,
-17.3217

0.0000, INF, -NF

0.0000, NaN, NaN

112.2436, 91.2667,
-17.3758

0.0000, NaN, NaN

125.9469, 93.2976,

0.0000, NaN, NaN

-17.3784

140.1665, 95.2416,
-17.3320

■ 42.2203, 77.3801,
-16.1772

■ 42.2203, 77.3801,
-16.1772

■ 42.0686, 77.5713,
-15.6653

■ 43.2621, 75.6681,
-18.6872

■ 45.1108, 71.4007,
-19.9299

■ 47.8512, 64.6712,
-19.7429

■ 51.4552, 56.0582,
-18.2394

■ 55.8454, 46.2366,
-15.6603

■ 60.9243, 35.7814,
-12.2725

■ 66.5938, 25.0968,
-8.3083

■ 72.7660, 14.4290,
-3.9455

■ 79.3660, 3.9086,
0.6902

Harmonies

Analogous

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



42.2215, 52.1934, -65.5470



42.2203, 77.3801, -16.1772



42.2215, 77.2857, 15.1043

Triad

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



42.2215, 77.3763, -16.1755



42.2215, -17.4249, 29.0224



42.2215, -38.1238, -65.8764

Complementary

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



42.2203, 77.3801, -16.1772



72.2370, -59.6624, 38.7059

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.



42.2215, -47.4494, -16.4519



42.2203, 77.3801, -16.1772



42.2215, -38.2183, 26.4784

Square

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



42.2215, 77.3763, -16.1755



42.2215, 15.1765, 29.0295



42.2215, -47.4777, 14.9760



42.2215, -17.2495, -106.1057

Rectangle

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



42.2203, 77.3801, -16.1772



42.2215, 62.5432, 24.2606



42.2215, -47.4777, 14.9760



42.2215, -42.3879, -48.6315

Sweetspot

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



42.2215, 77.3763, -16.1755



77.5777, 30.8515, -10.2912



25.6480, 63.3972, -141.2204



34.5414, 16.7773, -5.7093

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.2215, 77.3763, -16.1755



49.4483, 91.1356, -18.0763



39.5837, 67.7459, 21.4800



36.3371, 2.4166, 0.0441



32.0965, 59.2404, -12.3931



8.2611, 15.4056, -4.4149

Inverse Universe

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



42.2215, 77.3763, -16.1755



49.4483, 91.1356, -18.0763



74.1200, -48.0611, 11.3034



36.3371, 2.4166, 0.0441



32.0965, 59.2404, -12.3931



8.2611, 15.4056, -4.4149

Previews

White Background



This preview shows how the HunterLab color 42.2203, 77.3801, -16.1772 looks on a white background.

Color Contrast Check

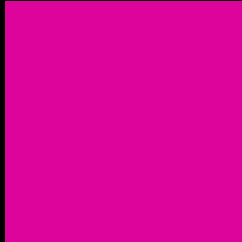
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.2203, 77.3801, -16.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

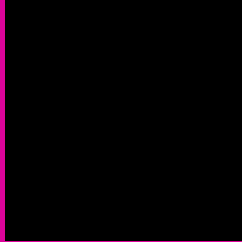
Any Text WCAG AA ✓ Pass

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 42.2203, 77.3801, -16.1772 Background



This preview shows how black text looks on a background with the HunterLab color 42.2203, 77.3801, -16.1772.



This preview shows how white text looks on a background with the HunterLab color 42.2203, 77.3801, -16.1772.

-16.1772.

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

42.2203, 77.3801, -16.1772

Protanopia

43.0951, 12.7924, -67.3344

Deuteranopia

42.7984, 3.0633, -10.6846



Tritanopia

42.6084, 53.7060, 20.4458

Trichromacy



Original Color

42.2203, 77.3801, -16.1772



Protanomaly

36.2330, 37.4823, -63.4548



Deuteranomaly

37.6439, 35.8749, -20.9598



Tritanomaly

41.3913, 63.5460, 10.4179

Monochromacy



Original Color

42.2203, 77.3801, -16.1772



Achromatopsia

30.5056, -1.6277, 1.6574



Achromatomaly

30.2108, 31.4751, -10.3477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.2203, 77.3801, -16.1772 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(221, 4, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 4, 155)  
}
```

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(221, 4, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 4, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 42.2203, 77.3801, -16.1772 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(221, 4, 155) }
```


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

```
.border{ border-color:rgb(221, 4, 155) }
```

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

Here you see how a box with a 4 pixel rgb(221, 4, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 4, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 4, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 4,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.2203, 77.3801, -16.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 4, 155) }
```

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

```
.background{ background-color: rgb(221, 4,  
155) }
```

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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