

Converting Colors

HunterLab(42.4307, 82.2286,
-46.7271)

Have a look what the booklet for
HunterLab(42.4307, 82.2286,
-46.7271) contains.

HunterLab(42.5138, 82.3963, -46.8689)	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(42.5138, 82.3963,
-46.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	D400C6
RGB	212, 0, 198
RGB Percent	83%, 0%, 78%
CMY	0.1686, 0.9999, 0.2235
CMYK	0.00, 1.00, 0.07, 0.17
HSL	304°, 100%, 42%
HSV	304°, 100%, 83%
XYZ	37.3444, 18.0742, 54.9464
YIQ	85.9600, 62.7940, 106.5220

Conversions

Conversions Part 2

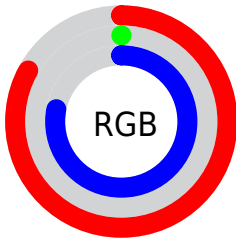
Format	Color
RYB	212, 0, 198
Decimal	13893830
CIELab	49.59, 83.51, -46.15
CIElCh	50, 95.414, 331.075
Yxy	18.0751, 0.3384, 0.1638
Android (android.graphics.Color)	4292083910 (0xFFD400C6)
YUV	85.9600, 55.2357, 110.5371
Hunter-Lab	42.5138, 82.3963, -46.8689

Details

The HunterLab color $42.5138, 82.3963, -46.8689$ is a dark color, and the websafe version is hex `CC00CC`. The color can be described as middle washed magenta. A complement of this color would be $68.6436, -58.6958, 40.9105$, and the grayscale version is $30.2857, -1.6160, 1.6455$.

A 20% lighter version of the original color is $60.4032, 81.3335, -54.2202$, and $29.4254, 57.1314, -33.2290$ is the 20% darker color. If you saturate the color by 10%, you get $42.5139, 82.3962, -46.8672$, and if you desaturate by 10%, it is $43.2253, 80.3673, -46.4069$.

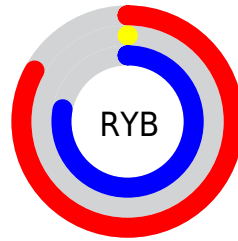
Distribution



Red (83%)

Green (0%)

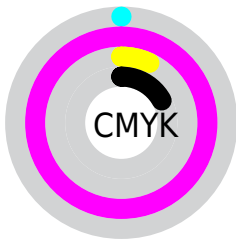
Blue (78%)



Red (83%)

Yellow (0%)

Blue (78%)

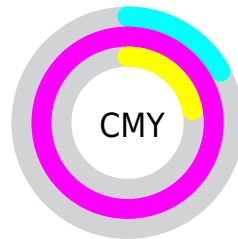


Cyan (0%)

Magenta (100%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5138, 82.3963, -46.8689 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 42.5138, 82.3963, -46.8689 by changing the saturation by 10% instead.

42.5138, 82.3963,
-46.8689

42.5138, 82.3963,
-46.8689

155.3364,
102.9254, -52.7131

33.1722, 79.9701,
-46.4157

63.3761, 87.4132,
-48.1914

24.6363, 77.8343,
-46.3411

74.8018, 89.8719,
-48.9136

16.9923, 76.4650,
-47.1109

86.8419, 92.2594,
-49.6291

10.3596, 77.2349,
-50.0348

99.4665, 94.5651,
-50.3212

0.0000, INF, -NF

0.0000, NaN, -NF

112.6498, 96.7845,
-50.9801

0.0000, NaN, NaN

126.3690, 98.9169,

0.0000, NaN, NaN

-51.6002

140.6039,
100.9632, -52.1784

■ 42.5138, 82.3963,
-46.8689

■ 42.5138, 82.3963,
-46.8689

■ 42.5139, 82.3962,
-46.8672

■ 43.2253, 80.3673,
-46.4069

■ 44.6000, 76.0933,
-44.4812

■ 46.7936, 69.3568,
-40.9094

■ 49.8079, 60.6245,
-35.9513

■ 53.5908, 50.5350,
-29.9940

■ 58.0618, 39.6887,
-23.4172

■ 63.1326, 28.5415,
-16.5210

■ 68.7186, 17.3899,
-9.5101

■ 74.7456, 6.4014,
-2.5081

Harmonies

Analogous

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



42.5148, 42.3740, -110.5515



42.5138, 82.3963, -46.8689



42.5148, 98.1613, 3.5969

Triad

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



42.5148, 82.3936, -46.8668



42.5148, -3.6321, 29.7604



42.5148, -48.4833, -51.4300

Complementary

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



42.5138, 82.3963, -46.8689



68.6436, -58.6958, 40.9105

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.



42.5148, -53.4221, 0.9902



42.5138, 82.3963, -46.8689



42.5148, -33.7816, 29.3925

Square

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



42.5148, 82.3936, -46.8668



42.5148, 39.1329, 29.5670



42.5148, -49.1696, 24.0689



42.5148, -32.1419, -114.4546

Rectangle

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



42.5138, 82.3963, -46.8689



42.5148, 89.5920, 20.4831



42.5148, -49.1696, 24.0689



42.5148, -51.2098, -31.0141

Sweetspot

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



42.5148, 82.3936, -46.8668



77.5880, 35.6331, -20.6466



21.9610, 59.2455, -153.5950



34.6296, 19.2014, -11.2398

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5148, 82.3936, -46.8668



52.3854, 101.5127, -57.6306



38.5120, 68.1135, 8.1021



35.5217, 2.7412, -1.0024



33.4125, 64.7704, -36.9394



8.2324, 15.9996, -9.4197

Inverse Universe

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



42.5148, 82.3936, -46.8668



52.3854, 101.5127, -57.6306



69.5435, -53.0860, 27.6758



35.5217, 2.7412, -1.0024



33.4125, 64.7704, -36.9394



8.2324, 15.9996, -9.4197

Previews

White Background



This preview shows how the HunterLab color 42.5138, 82.3963, -46.8689 looks on a white background.

Color Contrast Check

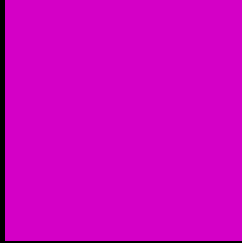
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5138, 82.3963, -46.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

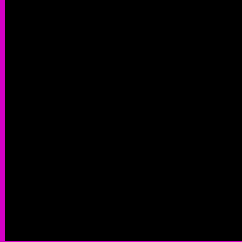
Any Text WCAG AA ✓ Pass

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 42.5138, 82.3963, -46.8689 Background



This preview shows how black text looks on a background with the HunterLab color 42.5138, 82.3963, -46.8689.



This preview shows how white text looks on a background with the HunterLab color 42.5138, 82.3963, -46.8689.

-46.8689.

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

42.5138, 82.3963, -46.8689

Protanopia

43.4212, 16.9690, -90.9039

Deuteranopia

43.2089, 3.7264, -37.0529



Tritanopia

43.0010, 42.5272, 15.9579

Trichromacy



Original Color

42.5138, 82.3963, -46.8689



Protanomaly

34.5605, 39.9584, -103.9230



Deuteranomaly

37.0296, 37.5792, -54.5252



Tritanomaly

40.9158, 59.3594, -1.8637

Monochromacy



Original Color

42.5138, 82.3963, -46.8689



Achromatopsia

30.5056, -1.6277, 1.6574



Achromatomaly

30.2824, 33.7300, -20.0618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5138, 82.3963, -46.8689 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(212, 0, 198)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 198)  
}
```

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(212, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5138, 82.3963, -46.8689 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(212, 0, 198) }
```


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

```
.border{ border-color:rgb(212, 0, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5138, 82.3963, -46.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 198) }
```

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

```
.background{ background-color: rgb(212, 0,  
198) }
```

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