

Converting Colors

HunterLab(41.9308, 80.4809,
-40.1382)

Have a look what the booklet for
HunterLab(41.9308, 80.4809,
-40.1382) contains.

HunterLab(41.9856, 80.5492, -39.9044)	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(41.9856, 80.5492,
-39.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	D400BC
RGB	212, 0, 188
RGB Percent	83%, 0%, 74%
CMY	0.1686, 0.9999, 0.2627
CMYK	0.00, 1.00, 0.11, 0.17
HSL	307°, 100%, 42%
HSV	307°, 100%, 83%
XYZ	36.2285, 17.6279, 49.0701
YIQ	84.8200, 66.0040, 103.4120

Conversions

Conversions Part 2

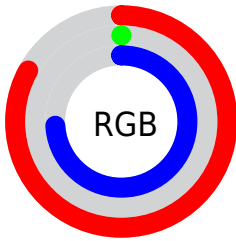
Format	Color
R_{YB}	212, 0, 188
Decimal	13893820
CIE _{Lab}	49.04, 82.17, -41.20
CIE _{LCh}	49, 91.921, 333.374
Yxy	17.6288, 0.3520, 0.1713
Android (android.graphics.Color)	4292083900 (0xFFD400BC)
YUV	84.8200, 50.8677, 111.5369
Hunter-Lab	41.9856, 80.5492, -39.9044

Details

The HunterLab color **41.9856, 80.5492, -39.9044** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **68.6686, -58.5389, 40.5407**, and the grayscale version is **29.8846, -1.5946, 1.6237**.

A 20% lighter version of the original color is **59.8815, 79.1999, -47.2476**, and **28.9769, 55.5637, -27.3203** is the 20% darker color. If you saturate the color by 10%, you get **41.9856, 80.5488, -39.9017**, and if you desaturate by 10%, it is **42.7521, 78.6750, -40.1578**.

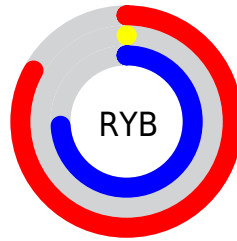
Distribution



Red (83%)

Green (0%)

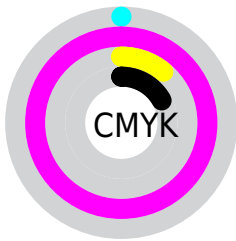
Blue (74%)



Red (83%)

Yellow (0%)

Blue (74%)

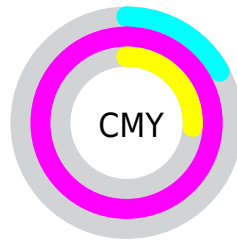


Cyan (0%)

Magenta (100%)

Yellow (11%)

Black (17%)



Cyan (17%)

Magenta (100%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9856, 80.5492, -39.9044 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 41.9856, 80.5492, -39.9044 by changing the saturation by 10% instead.

41.9856, 80.5492,
-39.9044

41.9856, 80.5492,
-39.9044

154.5219,
100.8311, -45.1801

32.6861, 78.1357,
-39.3541

62.7724, 85.5245,
-41.2346

24.1964, 76.0057,
-39.0585

74.1637, 87.9576,
-41.9100

16.6039, 74.6361,
-39.3691

86.1712, 90.3174,
-42.5596

10.0308, 75.4251,
-41.2975

98.7647, 92.5940,
-43.1726

0.0000, INF, -NF

0.0000, NaN, -NF

111.9182, 94.7834,
-43.7434

0.0000, NaN, NaN

125.6087, 96.8851,

0.0000, NaN, NaN

-44.2688

139.8160, 98.9003,
-44.7478

■ 41.9856, 80.5492,
-39.9044

■ 41.9856, 80.5492,
-39.9044

■ 41.9856, 80.5488,
-39.9017

■ 42.7521, 78.6750,
-40.1578

■ 44.1876, 74.5546,
-39.0062

■ 46.4458, 67.9803,
-36.2505

■ 49.5247, 59.4279,
-32.1157

■ 53.3691, 49.5366,
-26.9547

■ 57.8964, 38.8998,
-21.1222

■ 63.0173, 27.9641,
-14.9039

■ 68.6475, 17.0176,
-8.4995

■ 74.7129, 6.2223,
-2.0347

Harmonies

Analogous

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



41.9866, 43.6715, -100.1699



41.9856, 80.5492, -39.9044



41.9866, 93.0937, 6.0222

Triad

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



41.9866, 80.5463, -39.9024



41.9866, -6.2874, 29.3907



41.9866, -46.1963, -53.3985

Complementary

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



41.9856, 80.5492, -39.9044



68.6686, -58.5389, 40.5407

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.



41.9866, -51.7923, -1.8299



41.9856, 80.5492, -39.9044



41.9866, -34.2527, 28.6212

Square

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



41.9866, 80.5463, -39.9024



41.9866, 33.9987, 29.1553



41.9866, -48.3138, 22.5271



41.9866, -29.2557, -111.6235

Rectangle

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



41.9856, 80.5492, -39.9044



41.9866, 83.3730, 21.0618



41.9866, -48.3138, 22.5271



41.9866, -49.1441, -33.6894

Sweetspot

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



41.9866, 80.5463, -39.9024



77.4434, 34.9144, -18.6280



22.1725, 59.4007, -151.8575



34.5508, 18.8177, -10.1456

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9866, 80.5463, -39.9024



51.7281, 99.2142, -48.9629



38.2766, 67.2509, 11.5085



35.5068, 2.6619, -0.7921



33.0029, 63.3383, -31.5406



8.1486, 15.7072, -8.3196

Inverse Universe

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



41.9866, 80.5463, -39.9024



51.7281, 99.2142, -48.9629



69.7320, -51.9210, 24.9253



35.5068, 2.6619, -0.7921



33.0029, 63.3383, -31.5406



8.1486, 15.7072, -8.3196

Previews

White Background



This preview shows how the HunterLab color 41.9856, 80.5492, -39.9044 looks on a white background.

Color Contrast Check

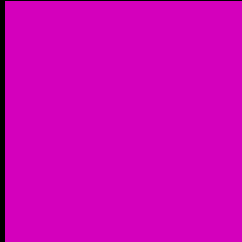
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9856, 80.5492, -39.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

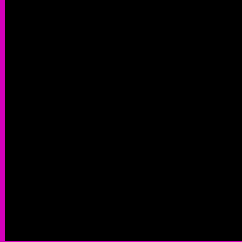
Any Text WCAG AA ✓ Pass

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 41.9856, 80.5492, -39.9044 Background



This preview shows how black text looks on a background with the HunterLab color 41.9856, 80.5492, -39.9044.



This preview shows how white text looks on a background with the HunterLab color 41.9856, 80.5492, -39.9044.

-39.9044.

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

41.9856, 80.5492, -39.9044

Protanopia

42.9481, 16.4608, -89.2156

Deuteranopia

42.8565, 3.0068, -30.3639



Tritanopia

42.4313, 44.2971, 16.8500

Trichromacy



Original Color

41.9856, 80.5492, -39.9044



Protanomaly

34.0834, 37.9113, -98.5501



Deuteranomaly

36.8262, 36.8955, -46.1816



Tritanomaly

40.5744, 59.8311, 1.0038

Monochromacy



Original Color

41.9856, 80.5492, -39.9044



Achromatopsia

30.1400, -1.6082, 1.6376



Achromatomaly

29.7805, 32.9496, -17.7298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9856, 80.5492, -39.9044 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9856, 80.5492, -39.9044 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, 188) }
```


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

```
.border{ border-color:rgb(212, 0, 188) }
```

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, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9856, 80.5492, -39.9044 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, 188) }
```

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

```
.background{ background-color: rgb(212, 0,  
188) }
```

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