

Converting Colors

HunterLab(41.7308, 79.7791,
-37.4818)

Have a look what the booklet for
HunterLab(41.7308, 79.7791,
-37.4818) contains.

HunterLab(41.7825, 79.8361, -37.2049)	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(41.7825, 79.8361,
-37.2049)**

Conversions

Conversions Part 1

Format	Color
Hex	D400B8
RGB	212, 0, 184
RGB Percent	83%, 0%, 72%
CMY	0.1686, 0.9999, 0.2784
CMYK	0.00, 1.00, 0.13, 0.17
HSL	308°, 100%, 42%
HSV	308°, 100%, 83%
XYZ	35.8031, 17.4578, 46.8301
YIQ	84.3640, 67.2880, 102.1680

Conversions

Conversions Part 2

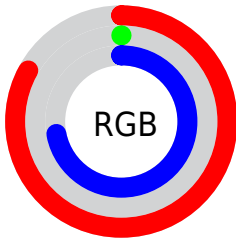
Format	Color
R_{YB}	212, 0, 184
Decimal	13893816
CIE _{Lab}	48.83, 81.65, -39.19
CIE _{LCh}	49, 90.570, 334.362
Yxy	17.4587, 0.3577, 0.1744
Android (android.graphics.Color)	4292083896 (0xFFD400B8)
YUV	84.3640, 49.1205, 111.9368
Hunter-Lab	41.7825, 79.8361, -37.2049

Details

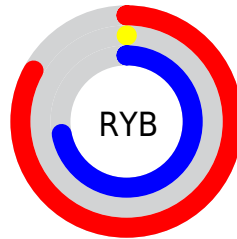
The HunterLab color **41.7825, 79.8361, -37.2049** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **68.6816, -58.4570, 40.3476**, and the grayscale version is **29.7245, -1.5860, 1.6150**.

A 20% lighter version of the original color is **59.5311, 78.8193, -44.8193**, and **28.7873, 54.8977, -24.7969** is the 20% darker color. If you saturate the color by 10%, you get **41.7824, 79.8356, -37.2017**, and if you desaturate by 10%, it is **42.5694, 78.0189, -37.7276**.

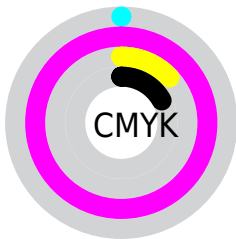
Distribution



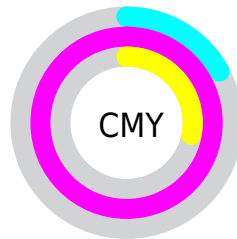
- Red (83%)
- Green (0%)
- Blue (72%)



- Red (83%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (13%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7825, 79.8361, -37.2049 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 41.7825, 79.8361, -37.2049 by changing the saturation by 10% instead.

41.7825, 79.8361,
-37.2049

41.7825, 79.8361,
-37.2049

154.2082,
100.0210, -42.1981

32.4993, 77.4276,
-36.6298

62.5401, 84.7950,
-38.5184

24.0274, 75.2998,
-36.2646

73.9181, 87.2180,
-39.1678

16.4549, 73.9300,
-36.4187

85.9130, 89.5670,
-39.7848

9.9049, 74.7261,
-37.9914

98.4945, 91.8321,
-40.3608

0.0000, INF, -NF

0.0000, NaN, -NF

111.6365, 94.0098,
-40.8915

0.0000, NaN, NaN

125.3160, 96.0994,

0.0000, NaN, NaN

-41.3748

139.5126, 98.1024,
-41.8103

■ 41.7825, 79.8361,
-37.2049

■ 41.7825, 79.8361,
-37.2049

■ 41.7824, 79.8356,
-37.2017

■ 42.5694, 78.0189,
-37.7276

■ 44.0278, 73.9557,
-36.8707

■ 46.3105, 67.4427,
-34.4285

■ 49.4142, 58.9589,
-30.6115

■ 53.2822, 49.1439,
-25.7595

■ 57.8314, 38.5884,
-20.2169

■ 62.9719, 27.7353,
-14.2639

■ 68.6194, 16.8695,
-8.0982

■ 74.7000, 6.1506,
-1.8460

Harmonies

Analogous

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



41.7836, 44.2221, -96.1222



41.7825, 79.8361, -37.2049



41.7836, 91.0961, 6.9606

Triad

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



41.7836, 79.8331, -37.2029



41.7836, -7.3463, 29.2485



41.7836, -45.2641, -54.2377

Complementary

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



41.7825, 79.8361, -37.2049



68.6816, -58.4570, 40.3476

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.



41.7836, -51.1406, -3.0266



41.7825, 79.8361, -37.2049



41.7836, -34.4524, 28.3129

Square

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



41.7836, 79.8331, -37.2029



41.7836, 31.9684, 28.9964



41.7836, -47.9832, 21.8604



41.7836, -28.0678, -110.5312

Rectangle

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



41.7825, 79.8361, -37.2049



41.7836, 80.9183, 21.2884



41.7836, -47.9832, 21.8604



41.7836, -48.3066, -34.8194

Sweetspot

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



41.7836, 79.8331, -37.2029



77.3862, 34.6300, -17.8294



22.2665, 59.4708, -151.0952



34.5198, 18.6661, -9.7133

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.7836, 79.8331, -37.2029



51.4755, 98.3273, -45.6046



38.2052, 66.9887, 12.5456



35.5009, 2.6302, -0.7083



32.8453, 62.7851, -29.4467



8.1161, 15.5935, -7.8902

Inverse Universe

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



41.7836, 79.8331, -37.2029



51.4755, 98.3273, -45.6046



69.7993, -51.5057, 23.9448



35.5009, 2.6302, -0.7083



32.8453, 62.7851, -29.4467



8.1161, 15.5935, -7.8902

Previews

White Background



This preview shows how the HunterLab color 41.7825, 79.8361, -37.2049 looks on a white background.

Color Contrast Check

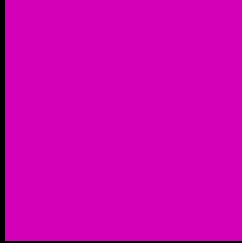
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.7825, 79.8361, -37.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

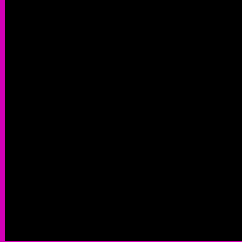
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.7825, 79.8361, -37.2049 Background



This preview shows how black text looks on a background with the HunterLab color 41.7825, 79.8361, -37.2049.



This preview shows how white text looks on a background with the HunterLab color 41.7825, 79.8361, -37.2049.

-37.2049.

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

41.7825, 79.8361, -37.2049

Protanopia

42.8783, 16.1085, -88.3678

Deuteranopia

42.6293, 3.3797, -28.6594



Tritanopia

42.1036, 45.0855, 16.8461

Trichromacy



Original Color

41.7825, 79.8361, -37.2049



Protanomaly

33.9266, 37.2340, -96.7725



Deuteranomaly

36.7085, 37.2229, -43.9111



Tritanomaly

40.4188, 59.9135, 1.7173

Monochromacy



Original Color

41.7825, 79.8361, -37.2049



Achromatopsia

29.7751, -1.5887, 1.6177



Achromatomaly

29.5425, 33.0319, -16.8798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7825, 79.8361, -37.2049 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7825, 79.8361, -37.2049 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, 184) }
```


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

```
.border{ border-color:rgb(212, 0, 184) }
```

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, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7825, 79.8361, -37.2049 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, 184) }
```

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

```
.background{ background-color: rgb(212, 0,  
184) }
```

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