

Converting Colors

HunterLab(40.9811, 81.3923,
-32.3571)

Have a look what the booklet for
HunterLab(40.9811, 81.3923,
-32.3571) contains.

HunterLab(41.7029, 78.8391, -30.5842)	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(41.7029, 78.8391,
-30.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	D600AF
RGB	214, 0, 175
RGB Percent	84%, 0%, 69%
CMY	0.1608, 0.9999, 0.3137
CMYK	0.00, 1.00, 0.18, 0.16
HSL	311°, 100%, 42%
HSV	311°, 100%, 84%
XYZ	35.4695, 17.3913, 42.0449
YIQ	83.9360, 71.3690, 99.7930

Conversions

Conversions Part 2

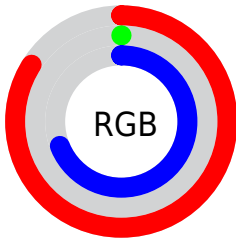
Format	Color
RYB	214, 0, 175
Decimal	14024879
CIELab	48.75, 80.88, -34.00
CIELCh	49, 87.739, 337.199
Yxy	17.3922, 0.3737, 0.1833
Android (android.graphics.Color)	4292214959 (0xFFD600AF)
YUV	83.9360, 44.8946, 114.0661
Hunter-Lab	41.7029, 78.8391, -30.5842

Details

The HunterLab color **41.7029, 78.8391, -30.5842** 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 **69.4554, -58.8029, 40.1273**, and the grayscale version is **29.5828, -1.5785, 1.6073**.

A 20% lighter version of the original color is **59.0409, 76.8029, -38.1951**, and **28.7666, 54.1481, -19.2754** is the 20% darker color. If you saturate the color by 10%, you get **41.7027, 78.8382, -30.5799**, and if you desaturate by 10%, it is **42.5435, 77.1597, -31.7965**.

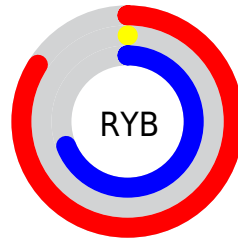
Distribution



Red (84%)

Green (0%)

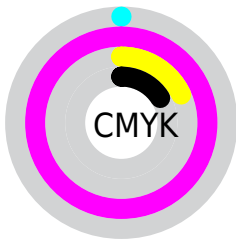
Blue (69%)



Red (84%)

Yellow (0%)

Blue (69%)

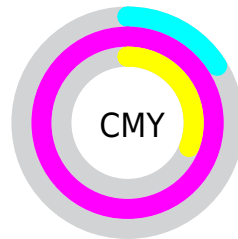


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (16%)



Cyan (16%)

Magenta (100%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7029, 78.8391, -30.5842 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 41.7029, 78.8391, -30.5842 by changing the saturation by 10% instead.

41.7029, 78.8391,
-30.5842

41.7029, 78.8391,
-30.5842

154.0852, 98.8655,
-34.6945

32.4261, 76.4347,
-29.9813

62.4491, 83.7729,
-31.8009

23.9613, 74.3003,
-29.4824

73.8219, 86.1793,
-32.3624

16.3966, 72.9031,
-29.2905

85.8118, 88.5102,
-32.8776

9.8557, 73.6264,
-30.0093

98.3886, 90.7563,
-33.3427

0.0000, INF, -NF

0.0000, NaN, NaN

111.5261, 92.9144,
-33.7564

0.0000, NaN, NaN

125.2012, 94.9841,

0.0000, NaN, NaN

-34.1190

139.3937, 96.9670,
-34.4312

■ 41.7029, 78.8391,
-30.5842

■ 41.7029, 78.8391,
-30.5842

■ 41.7027, 78.8382,
-30.5799

■ 42.5435, 77.1597,
-31.7965

■ 44.0714, 73.2056,
-31.6864

■ 46.4382, 66.7835,
-30.0278

■ 49.6369, 58.3862,
-26.9946

■ 53.6071, 48.6613,
-22.8940

■ 58.2623, 38.2004,
-18.0481

■ 63.5106, 27.4424,
-12.7256

■ 69.2664, 16.6675,
-7.1214

■ 75.4551, 6.0314,
-1.3644

Harmonies

Analogous

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



41.7040, 46.2692, -86.5500



41.7029, 78.8391, -30.5842



41.7040, 86.7698, 9.4670

Triad

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



41.7040, 78.8359, -30.5823



41.7040, -10.2645, 29.1928



41.7040, -43.1809, -57.2306

Complementary

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



41.7029, 78.8391, -30.5842



69.4554, -58.8029, 40.1273

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.



41.7040, -49.9289, -6.4937



41.7029, 78.8391, -30.5842



41.7040, -35.3887, 27.7846

Square

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



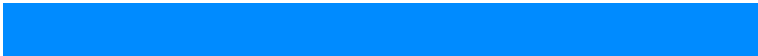
41.7040, 78.8359, -30.5823



41.7040, 26.9105, 28.8777



41.7040, -47.6369, 20.1379



41.7040, -25.0646, -108.8811

Rectangle

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



41.7029, 78.8391, -30.5842



41.7040, 75.2641, 22.1096



41.7040, -47.6369, 20.1379



41.7040, -46.5296, -38.4150

Sweetspot

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



41.7040, 78.8359, -30.5823



77.2362, 33.8828, -15.7306



22.8594, 60.3766, -149.8638



34.4384, 18.2683, -8.5789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.7040, 78.8359, -30.5823



50.8328, 96.0617, -36.9898



38.4143, 66.9766, 15.5491



35.4853, 2.5465, -0.4862



32.4437, 61.3703, -24.0694



8.0326, 15.3000, -6.7787

Inverse Universe

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



41.7040, 78.8359, -30.5823



50.8328, 96.0617, -36.9898



70.7582, -50.7174, 21.0447



35.4853, 2.5465, -0.4862



32.4437, 61.3703, -24.0694



8.0326, 15.3000, -6.7787

Previews

White Background



This preview shows how the HunterLab color 41.7029, 78.8391, -30.5842 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 41.7029, 78.8391, -30.5842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

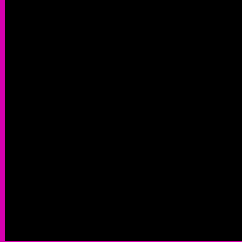
Any Text WCAG AA × Fail

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 41.7029, 78.8391, -30.5842 Background



This preview shows how black text looks on a background with the HunterLab color 41.7029, 78.8391, -30.5842.



This preview shows how white text looks on a background with the HunterLab color 41.7029, 78.8391, -30.5842.

-30.5842.

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

41.7029, 78.8391, -30.5842

Protanopia

42.6159, 16.6592, -89.2285

Deuteranopia

42.4216, 3.2933, -22.8902



Tritanopia

42.0909, 47.2365, 17.8842

Trichromacy



Original Color

41.7029, 78.8391, -30.5842



Protanomaly

33.5622, 36.9120, -94.6408



Deuteranomaly

36.8298, 36.5724, -36.3031



Tritanomaly

40.4191, 60.5503, 4.3269

Monochromacy



Original Color

41.7029, 78.8391, -30.5842



Achromatopsia

29.7751, -1.5887, 1.6177



Achromatomaly

29.4208, 32.5072, -15.2176

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7029, 78.8391, -30.5842 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(214, 0, 175)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 175)  
}
```

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(214, 0, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7029, 78.8391, -30.5842 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(214, 0, 175) }
```


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

```
.border{ border-color:rgb(214, 0, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7029, 78.8391, -30.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 175) }
```

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

```
.background{ background-color: rgb(214, 0,  
175) }
```

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