

Converting Colors

HunterLab(17.0876, 43.7091,
-100.9416)

Have a look what the booklet for
HunterLab(17.0876, 43.7091,
-100.9416) contains.

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Color

**HunterLab(17.0872, 43.7091,
-100.9473)**

Conversions

Conversions Part 1

Format	Color
Hex	28009E
RGB	40, 0, 158
RGB Percent	16%, 0%, 62%
CMY	0.8431, 1.0000, 0.3804
CMYK	0.75, 1.00, 0.00, 0.38
HSL	255°, 100%, 31%
HSV	255°, 100%, 62%
XYZ	7.0466, 2.9197, 32.5398
YIQ	29.9720, -26.8780, 57.6180

Conversions

Conversions Part 2

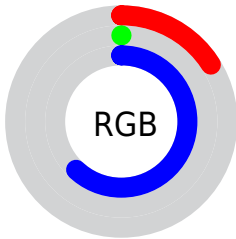
Format	Color
RYB	40, 0, 158
Decimal	2621598
CIELab	19.72, 56.08, -72.13
CIELCh	20, 91.368, 307.867
Yxy	2.9199, 0.1658, 0.0687
Android (android.graphics.Color)	4280811678 (0xFF28009E)
YUV	29.9720, 63.1178, 8.7946
Hunter-Lab	17.0872, 43.7091, -100.9473

Details

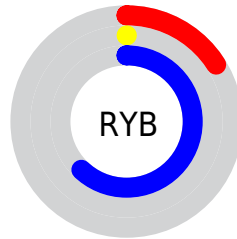
The HunterLab color **17.0872, 43.7091, -100.9473** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **53.2022, -27.0179, 32.3100**, and the grayscale version is **11.2028, -0.5978, 0.6087**.

A 20% lighter version of the original color is **33.3298, 47.5254, -91.8002**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **17.0877, 43.7096, -100.9440**, and if you desaturate by 10%, it is **18.8634, 40.4219, -89.3421**.

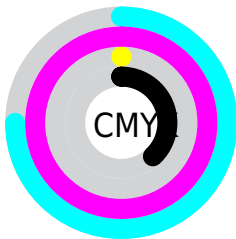
Distribution



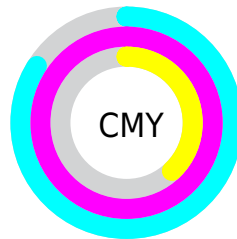
- Red (16%)
- Green (0%)
- Blue (62%)



- Red (16%)
- Yellow (0%)
- Blue (62%)



- Cyan (75%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



- Cyan (84%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0872, 43.7091, -100.9473 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 17.0872, 43.7091, -100.9473 by changing the saturation by 10% instead.

■ 17.0872, 43.7091,
-100.9473

■ 17.0872, 43.7091,
-100.9473

■ 112.8290, 59.7722,
-93.4525

■ 10.4406, 42.2184,
-114.8202

■ 33.2914, 47.7491,
-92.0375

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.6443, 49.7640,
-90.8189

0.0000, NaN, -NF

■ 52.7389, 51.6893,
-90.4804

0.0000, NaN, -NF

■ 63.5240, 53.5110,
-90.6543

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 74.9581, 55.2266,
-91.1375


0.0000, NaN, NaN

■ 87.0062, 56.8389,


-91.8102


 99.6384, 58.3524,
-92.5978


 17.0872, 43.7091,
-100.9473


 17.0872, 43.7091,
-100.9473


 17.0877, 43.7096,
-100.9440

 18.8634, 40.4219,
-89.3421

 21.3473, 35.9428,
-76.0595

 24.5887, 30.5631,
-62.3127

 28.4288, 25.0295,
-49.5075

 32.7314, 19.6880,
-38.0814

■ 37.3949, 14.6398,
-27.9888

■ 42.3463, 9.8787,
-19.0243

■ 47.5334, 5.3629,
-10.9647

■ 52.9185, 1.0444,
-3.6162

Harmonies

Analogous

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



17.0877, 6.7409, -154.1911



17.0872, 43.7091, -100.9473



17.0877, 77.9916, -29.8330

Triad

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



17.0877, 43.7096, -100.9440



17.0877, 23.2040, 11.9614



17.0877, -29.9035, -7.2469

Complementary

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



17.0872, 43.7091, -100.9473



53.2022, -27.0179, 32.3100

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.



17.0877, -29.8102, 11.9614



17.0872, 43.7091, -100.9473



17.0877, -7.4187, 11.9614

Square

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



17.0877, 43.7096, -100.9440



17.0877, 61.8999, 11.9614



17.0877, -22.5296, 11.9614



17.0877, -26.6211, -64.9825

Rectangle

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



17.0872, 43.7091, -100.9473



17.0877, 87.2945, -1.0000



17.0877, -22.5296, 11.9614



17.0877, -29.9035, 2.6584

Sweetspot

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



17.0877, 43.7096, -100.9440



56.6650, 13.6788, -26.3086



39.4254, -11.4536, -24.5532



25.6305, 7.6887, -14.7080



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



17.0877, 43.7096, -100.9440



22.8497, 58.7498, -137.3179



25.2097, 52.9644, -59.6166



25.5194, 0.3474, -1.4772



15.3462, 39.1638, -89.9509



2.4567, 5.6461, -9.5672

Inverse Universe

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



29.2864, 54.6193, -15.6916



39.4234, 73.4527, -20.5629



49.8948, -40.5124, 30.0357



25.9343, 1.6406, -0.0627



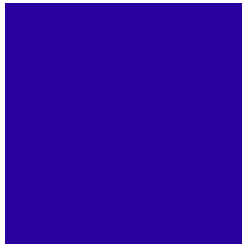
26.2217, 48.9250, -14.2141



3.5952, 6.8567, -3.1017

Previews

White Background



This preview shows how the HunterLab color 17.0872, 43.7091, -100.9473 looks on a white background.

Color Contrast Check

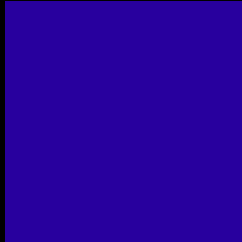
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 17.0872, 43.7091, -100.9473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

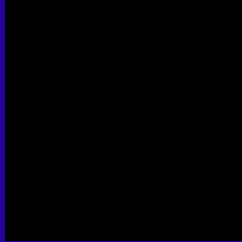
Any Text WCAG AA × Fail

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 17.0872, 43.7091, -100.9473 Background



This preview shows how black text looks on a background with the HunterLab color 17.0872, 43.7091, -100.9473.



This preview shows how white text looks on a background with the HunterLab color 17.0872, 43.7091, -100.9473.

-100.9473.

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

17.0872, 43.7091, -100.9473

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

18.0299, -1.5097, -19.2769



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.0872, 43.7091, -100.9473

Protanomaly

15.8480, 20.2715, -59.9849

Deuteranomaly

15.6137, 15.5433, -49.4314

Tritanomaly

14.8588, 9.3059, -34.8384

Monochromacy



Original Color

17.0872, 43.7091, -100.9473

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.5830, 14.1280, -28.5548

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0872, 43.7091, -100.9473 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(40, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(40, 0, 158)  
}
```

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(40, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 0, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0872, 43.7091, -100.9473 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(40, 0, 158) }
```


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

```
.border{ border-color:rgb(40, 0, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 0, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(40, 0, 158)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0872, 43.7091, -100.9473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 0, 158) }
```

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

```
.background{ background-color: rgb(40, 0,  
158) }
```

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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