

Converting Colors

HunterLab(17.9335, 43.0711,
-84.2194)

Have a look what the booklet for
HunterLab(17.9335, 43.0711,
-84.2194) contains.

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Color

**HunterLab(17.8721, 42.9270,
-83.9585)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3D0096 |
| RGB | 61, 0, 150 |
| RGB Percent | 24%, 0%, 59% |
| CMY | 0.7608, 1.0000, 0.4118 |
| CMYK | 0.59, 1.00, 0.00, 0.41 |
| HSL | 264°, 100%, 29% |
| HSV | 264°, 100%, 59% |
| XYZ | 7.4295, 3.1941, 29.0792 |
| YIQ | 35.3390, -11.7940, 59.5820 |

Conversions

Conversions Part 2

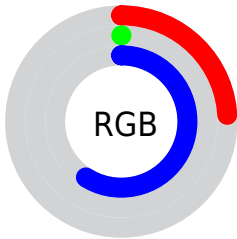
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 61, 0, 150 |
| Decimal | 3997846 |
| CIELab | 20.81, 55.14, -65.34 |
| CIElCh | 21, 85.498, 310.163 |
| Yxy | 3.1943, 0.1871, 0.0805 |
| Android (android.graphics.Color) | 4282187926 (0xFF3D0096) |
| YUV | 35.3390, 56.5279, 22.5047 |
| Hunter-Lab | 17.8721, 42.9270, -83.9585 |

Details

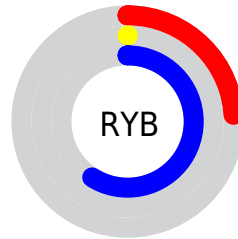
The HunterLab color **17.8721, 42.9270, -83.9585** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **48.9249, -30.7976, 29.6081**, and the grayscale version is **12.9013, -0.6884, 0.7010**.

A 20% lighter version of the original color is **34.2613, 46.5028, -78.0253**, and **9.3906, 25.4721, -66.7245** is the 20% darker color. If you saturate the color by 10%, you get **17.8725, 42.9275, -83.9564**, and if you desaturate by 10%, it is **19.6015, 40.3223, -74.4932**.

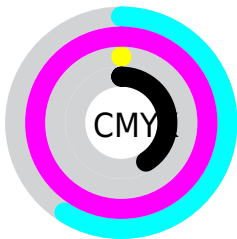
Distribution



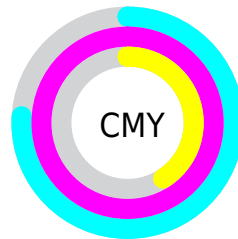
- Red (24%)
- Green (0%)
- Blue (59%)



- Red (24%)
- Yellow (0%)
- Blue (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (76%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8721, 42.9270, -83.9585 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 17.8721, 42.9270, -83.9585 by changing the saturation by 10% instead.

■ 17.8721, 42.9270,
-83.9585

■ 17.8721, 42.9270,
-83.9585

■ 114.2934, 58.7043,
-81.6698

■ 11.1084, 41.3169,
-93.0723

■ 34.2689, 46.9611,
-78.5167

■ 2.9865, 89.1481,
-224.5876

■ 43.7052, 48.9421,
-78.0239

0.0000, INF, -NF

0.0000, NaN, -NF

■ 53.8770, 50.8281,
-78.1313

0.0000, NaN, -NF

■ 64.7344, 52.6082,
-78.5807

0.0000, NaN, NaN

■ 76.2367, 54.2818,
-79.2289

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.3496, 55.8524,

-79.9914

0.0000, NaN, NaN

101.0436, 57.3247,
-80.8162

17.8721, 42.9270,
-83.9585

17.8721, 42.9270,
-83.9585

17.8725, 42.9275,
-83.9564

19.6015, 40.3223,
-74.4932

21.8733, 36.6155,
-64.0934

24.7771, 31.8515,
-53.2213

28.2017, 26.6533,
-42.8176

32.0437, 21.3874,
-33.2692

■ 36.2199, 16.2212,
-24.6304

■ 40.6675, 11.2105,
-16.8119

■ 45.3396, 6.3584,
-9.6830

■ 50.2012, 1.6472,
-3.1157

Harmonies

Analogous

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



17.8725, 8.5441, -132.7173



17.8721, 42.9270, -83.9585



17.8725, 72.4886, -23.1912

Triad

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



17.8725, 42.9275, -83.9564



17.8725, 18.9097, 12.5108



17.8725, -29.9302, -9.3669

Complementary

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



17.8721, 42.9270, -83.9585



48.9249, -30.7976, 29.6081

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.



17.8725, -29.0203, 10.9201



17.8721, 42.9270, -83.9585



17.8725, -8.8082, 12.5108

Square

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



17.8725, 42.9275, -83.9564



17.8725, 54.0588, 12.5108



17.8725, -22.8564, 12.5108



17.8725, -25.3423, -62.8122

Rectangle

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



17.8721, 42.9270, -83.9585



17.8725, 79.2355, 1.1048



17.8725, -22.8564, 12.5108



17.8725, -30.2571, 0.8399

Sweetspot

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



17.8725, 42.9275, -83.9564



53.6665, 15.2800, -22.9205



30.8454, -0.9641, -36.4729



24.1930, 8.3735, -12.6016



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



17.8725, 42.9275, -83.9564



23.5383, 56.8191, -112.7653



27.1163, 54.5579, -45.4261



23.9608, 0.6022, -1.2340



16.3313, 39.1503, -76.1319



2.2163, 4.8041, -6.3857

Inverse Universe

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



26.8426, 48.6555, -3.4817



35.6094, 64.4570, -3.9263



46.8128, -39.5844, 28.1528



24.2274, 1.3403, 0.3874



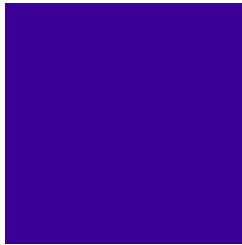
24.4588, 44.3583, -3.3568



2.8122, 5.2875, -1.8385

Previews

White Background



This preview shows how the HunterLab color 17.8721, 42.9270, -83.9585 looks on a white background.

Color Contrast Check

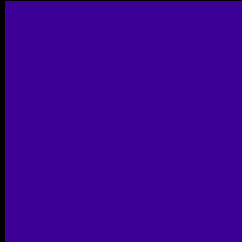
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8721, 42.9270, -83.9585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

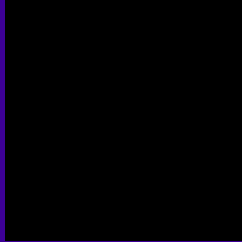
Any Text WCAG AA × Fail

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 17.8721, 42.9270, -83.9585 Background



This preview shows how black text looks on a background with the HunterLab color 17.8721, 42.9270, -83.9585.



This preview shows how white text looks on a background with the HunterLab color 17.8721, 42.9270, -83.9585.

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

17.8721, 42.9270, -83.9585

Protanopia

18.8114, 4.4167, -33.0470

Deuteranopia

18.7219, -1.3196, -20.5522



Tritanopia

18.8266, -7.1622, -3.3343

Trichromacy



Original Color

17.8721, 42.9270, -83.9585

Protanomaly

16.3962, 19.7512, -57.3124

Deuteranomaly

16.0153, 15.5810, -47.6956

Tritanomaly

15.8884, 11.0071, -30.4174

Monochromacy



Original Color

17.8721, 42.9270, -83.9585

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8262, 14.6449, -24.2961

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8721, 42.9270, -83.9585 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(61, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 150)  
}
```

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(61, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8721, 42.9270, -83.9585 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(61, 0, 150) }
```


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

```
.border{ border-color:rgb(61, 0, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(61, 0, 150)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8721, 42.9270, -83.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 0, 150) }
```

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

```
.background{ background-color: rgb(61, 0,  
150) }
```

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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