

Converting Colors

HunterLab(17.6396, 42.3112,
-82.4205)

Have a look what the booklet for
HunterLab(17.6396, 42.3112,
-82.4205) contains.

HunterLab(17.6924, 42.3834, -82.2452)	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(17.6924, 42.3834,
-82.2452)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0094
RGB	61, 0, 148
RGB Percent	24%, 0%, 58%
CMY	0.7608, 1.0000, 0.4196
CMYK	0.59, 1.00, 0.00, 0.42
HSL	265°, 100%, 29%
HSV	265°, 100%, 58%
XYZ	7.2698, 3.1302, 28.2380
YIQ	35.1110, -11.1520, 58.9600

Conversions

Conversions Part 2

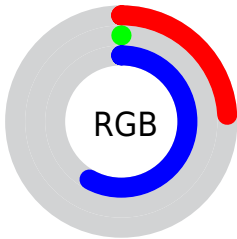
Format	Color
R_{YB}	61, 0, 148
Decimal	3997844
CIE _{Lab}	20.56, 54.66, -64.51
CIE _{LCh}	21, 84.556, 310.277
Yxy	3.1304, 0.1882, 0.0810
Android (android.graphics.Color)	4282187924 (0xFF3D0094)
YUV	35.1110, 55.6543, 22.7047
Hunter-Lab	17.6924, 42.3834, -82.2452

Details

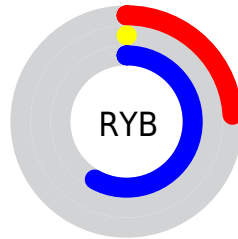
The HunterLab color **17.6924, 42.3834, -82.2452** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **48.1725, -30.4989, 29.1497**, and the grayscale version is **12.8316, -0.6847, 0.6972**.

A 20% lighter version of the original color is **33.9655, 46.4082, -76.8840**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **17.6928, 42.3838, -82.2430**, and if you desaturate by 10%, it is **19.4043, 39.7983, -72.9529**.

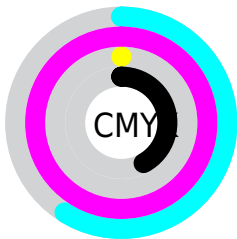
Distribution



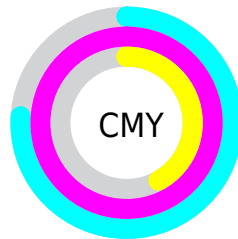
- Red (24%)
- Green (0%)
- Blue (58%)



- Red (24%)
- Yellow (0%)
- Blue (58%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6924, 42.3834, -82.2452 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 17.6924, 42.3834, -82.2452 by changing the saturation by 10% instead.

■ 17.6924, 42.3834,
-82.2452

■ 17.6924, 42.3834,
-82.2452

■ 113.9595, 58.0552,
-80.2385

■ 10.9552, 40.7788,
-91.1802

■ 34.0456, 46.4007,
-76.9864

■ 2.4867, 104.9268,
-259.7807

■ 43.4629, 48.3708,
-76.5383

0.0000, INF, -NF

■ 53.6172, 50.2446,
-76.6740

0.0000, NaN, -NF

■ 64.4582, 52.0120,
-77.1403

0.0000, NaN, -NF

■ 75.9450, 53.6726,
-77.7978

0.0000, NaN, NaN

■ 88.0432, 55.2298,

0.0000, NaN, NaN

0.0000, NaN, NaN

-78.5640

0.0000, NaN, NaN

100.7232, 56.6889,
-79.3884

17.6924, 42.3834,
-82.2452

17.6924, 42.3834,
-82.2452

17.6928, 42.3838,
-82.2430

19.4043, 39.7983,
-72.9529

21.6410, 36.1523,
-62.7903

24.4962, 31.4653,
-52.1665

27.8617, 26.3451,
-41.9910

31.6368, 21.1516,
-32.6414

■ 35.7404, 16.0509,
-24.1736

■ 40.1109, 11.0996,
-16.5030

■ 44.7023, 6.3021,
-9.5042

■ 49.4802, 1.6419,
-3.0534

Harmonies

Analogous

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



17.6928, 8.5275, -130.2352



17.6924, 42.3834, -82.2452



17.6928, 71.3861, -22.6322

Triad

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



17.6928, 42.3838, -82.2430



17.6928, 18.4935, 12.3850



17.6928, -29.6289, -9.3570

Complementary

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



17.6924, 42.3834, -82.2452



48.1725, -30.4989, 29.1497

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.



17.6928, -28.7413, 10.7660



17.6924, 42.3834, -82.2452



17.6928, -8.7669, 12.3850

Square

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



17.6928, 42.3838, -82.2430



17.6928, 53.0726, 12.3850



17.6928, -22.6009, 12.3850



17.6928, -25.0259, -61.9756

Rectangle

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



17.6924, 42.3834, -82.2452



17.6928, 77.9419, 1.1838



17.6928, -22.6009, 12.3850



17.6928, -29.9627, 0.7395

Sweetspot

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



17.6928, 42.3838, -82.2430



52.9237, 15.1319, -22.5048



30.4132, -0.9814, -35.8953



24.2093, 8.4236, -12.5720



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.



17.6928, 42.3838, -82.2430



23.2973, 56.0902, -110.4698



26.7226, 53.7642, -44.7544



23.9640, 0.6129, -1.2298



16.3984, 39.2195, -75.7337



2.2245, 4.8143, -6.3518

Inverse Universe

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



26.4272, 47.8609, -3.1053



35.0543, 63.3953, -3.4246



46.1300, -39.0000, 27.7423



24.2263, 1.3345, 0.4027



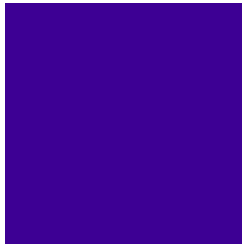
24.4355, 44.2740, -3.0284



2.8100, 5.2798, -1.8089

Previews

White Background



This preview shows how the HunterLab color 17.6924, 42.3834, -82.2452 looks on a white background.

Color Contrast Check

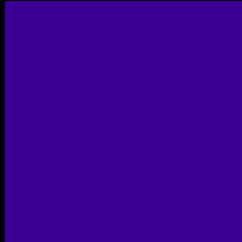
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6924, 42.3834, -82.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

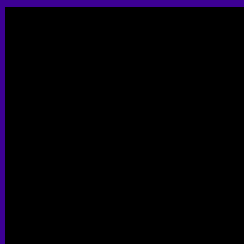
Any Text WCAG AA × Fail

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 17.6924, 42.3834, -82.2452 Background



This preview shows how black text looks on a background with the HunterLab color 17.6924, 42.3834, -82.2452.



This preview shows how white text looks on a background with the HunterLab color 17.6924, 42.3834, -82.2452.

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

17.6924, 42.3834, -82.2452

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.8894, -6.9824, -2.7875

Trichromacy



Original Color

17.6924, 42.3834, -82.2452

Protanomaly

16.1516, 19.9221, -57.2876

Deuteranomaly

15.7622, 15.7611, -47.6727

Tritanomaly

15.8328, 10.6280, -28.8384

Monochromacy



Original Color

17.6924, 42.3834, -82.2452

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7714, 14.4099, -23.6203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6924, 42.3834, -82.2452 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6924, 42.3834, -82.2452 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, 148) }
```


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

```
.border{ border-color:rgb(61, 0, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(61, 0, 148)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6924, 42.3834, -82.2452 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, 148) }
```

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

```
.background{ background-color: rgb(61, 0,  
148) }
```

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