

Converting Colors

HunterLab(17.1303, 42.7617,
-93.0034)

Have a look what the booklet for
HunterLab(17.1303, 42.7617,
-93.0034) contains.

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Color

**HunterLab(17.1122, 42.7450,
-93.1250)**

Conversions

Conversions Part 1

Format	Color
Hex	300099
RGB	48, 0, 153
RGB Percent	19%, 0%, 60%
CMY	0.8117, 1.0000, 0.4000
CMYK	0.69, 1.00, 0.00, 0.40
HSL	259°, 100%, 30%
HSV	259°, 100%, 60%
XYZ	6.9687, 2.9283, 30.3348
YIQ	31.7940, -20.5050, 57.7590

Conversions

Conversions Part 2

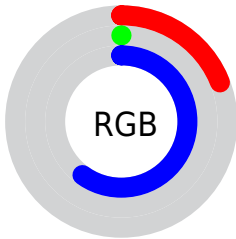
Format	Color
RYB	48, 0, 153
Decimal	3145881
CIELab	19.76, 55.16, -68.98
CIELCh	20, 88.319, 308.647
Yxy	2.9284, 0.1732, 0.0728
Android (android.graphics.Color)	4281335961 (0xFF300099)
YUV	31.7940, 59.7546, 14.2127
Hunter-Lab	17.1122, 42.7450, -93.1250

Details

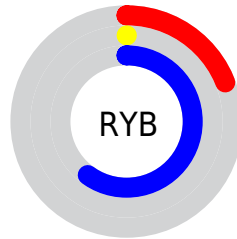
The HunterLab color **17.1122, 42.7450, -93.1250** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **50.7793, -28.3451, 30.7937**, and the grayscale version is **11.7780, -0.6284, 0.6399**.

A 20% lighter version of the original color is **33.3330, 46.7770, -85.9366**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **17.1127, 42.7454, -93.1221**, and if you desaturate by 10%, it is **18.8809, 39.7482, -82.3067**.

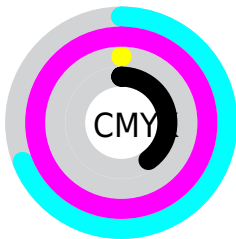
Distribution



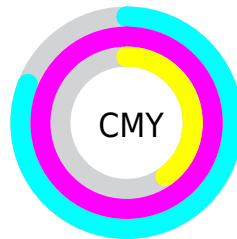
- Red (19%)
- Green (0%)
- Blue (60%)



- Red (19%)
- Yellow (0%)
- Blue (60%)



- Cyan (69%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (81%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1122, 42.7450, -93.1250 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 17.1122, 42.7450, -93.1250 by changing the saturation by 10% instead.

■ 17.1122, 42.7450,
-93.1250

■ 17.1122, 42.7450,
-93.1250

■ 112.8758, 58.5821,
-87.8741

■ 10.4618, 41.2195,
-105.1090

■ 33.3226, 46.7638,
-85.6703

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.6782, 48.7539,
-84.7696

0.0000, NaN, -NF

■ 52.7752, 50.6510,
-84.6305

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5627, 52.4428,
-84.9303


0.0000, NaN, NaN


■ 74.9990, 54.1280,
-85.4911


0.0000, NaN, NaN


■ 87.0491, 55.7096,


-86.2080


 99.6834, 57.1925,
-87.0162


 17.1122, 42.7450,
-93.1250


 17.1122, 42.7450,
-93.1250


 17.1127, 42.7454,
-93.1221

 18.8809, 39.7482,
-82.3067

 21.2709, 35.6497,
-70.2721

 24.3518, 30.6077,
-57.8343

 27.9869, 25.3013,
-46.1568

 32.0563, 20.0771,
-35.6357

■ 36.4682, 15.0608,
-26.2616

■ 41.1552, 10.2715,
-17.8773

■ 46.0685, 5.6862,
-10.2995

■ 51.1724, 1.2700,
-3.3634

Harmonies

Analogous

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



17.1127, 7.2555, -143.8890



17.1122, 42.7450, -93.1250



17.1127, 74.7994, -26.9442

Triad

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



17.1127, 42.7454, -93.1221



17.1127, 21.3164, 11.9789



17.1127, -29.9472, -7.8552

Complementary

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



17.1122, 42.7450, -93.1250



50.7793, -28.3451, 30.7937

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.



17.1127, -29.2101, 11.5181



17.1122, 42.7450, -93.1250



17.1127, -7.7904, 11.9789

Square

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



17.1127, 42.7454, -93.1221



17.1127, 58.1199, 11.9789



17.1127, -22.3097, 11.9789



17.1127, -25.8290, -63.1663

Rectangle

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



17.1122, 42.7450, -93.1250



17.1127, 83.0334, -0.2280



17.1127, -22.3097, 11.9789



17.1127, -29.9472, 2.0152

Sweetspot

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



17.1127, 42.7454, -93.1221



54.6947, 14.1177, -24.5568



35.8276, -7.8050, -27.9327



24.5515, 7.7802, -13.5150



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



17.1127, 42.7454, -93.1221



22.7074, 57.0255, -125.9327



25.4298, 52.5932, -53.6745



24.7299, 0.4478, -1.3660



15.6091, 38.9084, -84.3108



2.3288, 5.2084, -7.9542

Inverse Universe

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



27.9143, 51.4574, -10.2813



37.3096, 68.6956, -13.1144



48.0288, -39.6589, 28.9008



25.0811, 1.5044, 0.1247



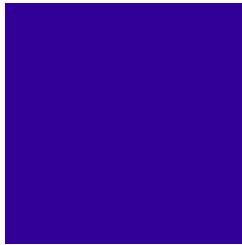
25.3894, 46.8241, -9.5157



3.2071, 6.0900, -2.5622

Previews

White Background



This preview shows how the HunterLab color 17.1122, 42.7450, -93.1250 looks on a white background.

Color Contrast Check

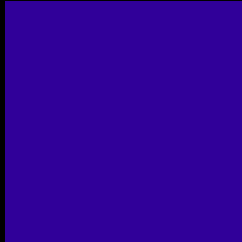
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1122, 42.7450, -93.1250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

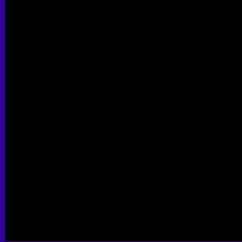
Any Text WCAG AA × Fail

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 17.1122, 42.7450, -93.1250 Background



This preview shows how black text looks on a background with the HunterLab color 17.1122, 42.7450, -93.1250.



This preview shows how white text looks on a background with the HunterLab color 17.1122, 42.7450, -93.1250.

-93.1250.

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

17.1122, 42.7450, -93.1250

Deuteranopia

18.0299, -1.5097, -19.2769

Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.1122, 42.7450, -93.1250

Deuteranomaly

15.5983, 15.3624, -48.3866

Tritanomaly

14.7955, 8.8827, -33.1635

Monochromacy



Original Color

17.1122, 42.7450, -93.1250

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9757, 14.1290, -26.2245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1122, 42.7450, -93.1250 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(48, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(48, 0, 153)  
}
```

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(48, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1122, 42.7450, -93.1250 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(48, 0, 153) }
```

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

```
.border{ border-color:rgb(48, 0, 153) }
```

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

Here you see how a box with a 4 pixel rgb(48, 0, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(48, 0, 153)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 17.1122, 42.7450, -93.1250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 0, 153) }
```

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

```
.background{ background-color: rgb(48, 0,  
153) }
```

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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