

Converting Colors

HunterLab(16.8251, 39.8881,
-74.9765)

Have a look what the booklet for
HunterLab(16.8251, 39.8881,
-74.9765) contains.

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Color

**HunterLab(16.8070, 39.8732,
-75.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	3C008B
RGB	60, 0, 139
RGB Percent	24%, 0%, 55%
CMY	0.7647, 1.0000, 0.4549
CMYK	0.57, 1.00, 0.00, 0.45
HSL	266°, 100%, 27%
HSV	266°, 100%, 55%
XYZ	6.5237, 2.8248, 24.6276
YIQ	33.7860, -8.8590, 55.9490

Conversions

Conversions Part 2

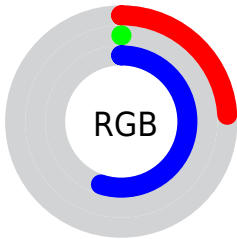
Format	Color
RYB	60, 0, 139
Decimal	3932299
CIELab	19.33, 52.44, -60.95
CIELCh	19, 80.403, 310.711
Yxy	2.8249, 0.1920, 0.0831
Android (android.graphics.Color)	4282122379 (0xFF3C008B)
YUV	33.7860, 51.8705, 22.9897
Hunter-Lab	16.8070, 39.8732, -75.1137

Details

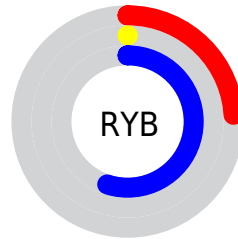
The HunterLab color **16.8070, 39.8732, -75.1137** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **44.8637, -28.9491, 27.1380**, and the grayscale version is **12.4240, -0.6629, 0.6750**.

A 20% lighter version of the original color is **32.9765, 43.9070, -70.6765**, and **8.3939, 22.7685, -59.6424** is the 20% darker color. If you saturate the color by 10%, you get **16.8074, 39.8737, -75.1120**, and if you desaturate by 10%, it is **18.4417, 37.3501, -66.5128**.

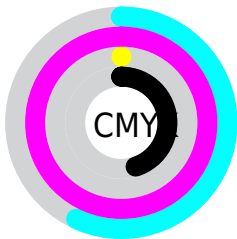
Distribution



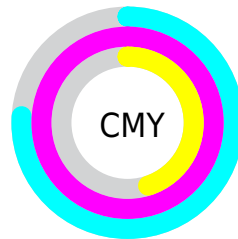
- Red (24%)
- Green (0%)
- Blue (55%)



- Red (24%)
- Yellow (0%)
- Blue (55%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8070, 39.8732, -75.1137 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 16.8070, 39.8732, -75.1137 by changing the saturation by 10% instead.

■ 16.8070, 39.8732,
-75.1137

■ 16.8070, 39.8732,
-75.1137

■ 112.3020, 55.0519,
-74.1602

■ 10.2029, 38.3014,
-83.4141

■ 32.9409, 43.8108,
-70.5521

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.2636, 45.7290,
-70.2761

0.0000, NaN, -NF

■ 52.3301, 47.5464,
-70.5185

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.0890, 49.2546,
-71.0474


0.0000, NaN, NaN


■ 74.4983, 50.8544,
-71.7365

0.0000, NaN, NaN


■ 86.5230, 52.3502,

-72.5121


 99.1328, 53.7474,
-73.3294


 16.8070, 39.8732,
-75.1137


 16.8070, 39.8732,
-75.1137


 16.8074, 39.8737,
-75.1120

 18.4417, 37.3501,
-66.5128

 20.5271, 33.9543,
-57.3093

 23.1732, 29.5986,
-47.6987

 26.2845, 24.8273,
-38.4675

 29.7711, 19.9689,
-29.9513

■ 33.5601, 15.1803,
-22.2081

■ 37.5957, 10.5185,
-15.1707

■ 41.8360, 5.9920,
-8.7328

■ 46.2494, 1.5884,
-2.7870

Harmonies

Analogous

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



16.8074, 8.3479, -119.7355



16.8070, 39.8732, -75.1137



16.8074, 66.5111, -20.3670

Triad

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



16.8074, 39.8737, -75.1120



16.8074, 16.7764, 11.7651



16.8074, -28.2954, -9.1903

Complementary

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



16.8070, 39.8732, -75.1137



44.8637, -28.9491, 27.1380

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.



16.8074, -27.4885, 10.0967



16.8070, 39.8732, -75.1137



16.8074, -8.4957, 11.7651

Square

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



16.8074, 39.8737, -75.1120



16.8074, 48.8713, 11.7651



16.8074, -21.4096, 11.7651



16.8074, -23.6142, -58.1639

Rectangle

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



16.8070, 39.8732, -75.1137



16.8074, 72.3088, 1.4394



16.8074, -21.4096, 11.7651



16.8074, -28.6570, 0.3728

Sweetspot

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



16.8074, 39.8737, -75.1120



49.9499, 14.4775, -20.8901



27.8593, -0.0021, -34.8172



22.9976, 8.0576, -11.6737



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



16.8074, 39.8737, -75.1120



22.2813, 53.1392, -101.7393



25.3144, 50.7153, -40.7233



22.3404, 0.5832, -1.1013



15.9980, 37.9132, -71.1814



1.5932, 3.4299, -4.4083

Inverse Universe

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



24.6038, 44.4289, -1.8854



32.8739, 59.2699, -1.7986



43.0587, -36.4741, 25.8941



22.5679, 1.1935, 0.4354



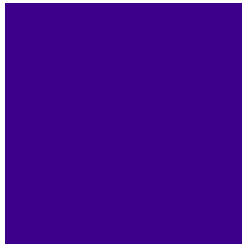
23.3816, 42.2353, -1.8964



1.9815, 3.7139, -1.2045

Previews

White Background



This preview shows how the HunterLab color 16.8070, 39.8732, -75.1137 looks on a white background.

Color Contrast Check

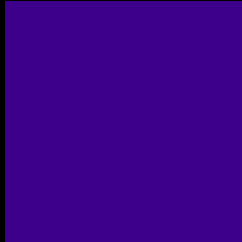
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.8070, 39.8732, -75.1137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

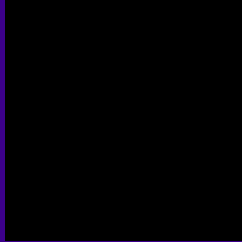
Any Text WCAG AA × Fail

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 16.8070, 39.8732, -75.1137 Background



This preview shows how black text looks on a background with the HunterLab color 16.8070, 39.8732, -75.1137.



This preview shows how white text looks on a background with the HunterLab color 16.8070, 39.8732, -75.1137.

-75.1137.

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

16.8070, 39.8732, -75.1137

Protanopia

17.7650, 4.0446, -30.9358

Deuteranopia

17.7316, -1.3506, -19.2475



Tritanopia

17.9026, -5.5098, -2.3221

Trichromacy



Original Color

16.8070, 39.8732, -75.1137

Protanomaly

15.4543, 18.1783, -52.3852

Deuteranomaly

15.1621, 14.3914, -43.7263

Tritanomaly

15.1106, 10.9728, -25.8766

Monochromacy



Original Color

16.8070, 39.8732, -75.1137

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4711, 13.2836, -21.2302

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8070, 39.8732, -75.1137 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(60, 0, 139)` looks like.

```
.text, #text, p{  
    color:rgb(60, 0, 139)  
}
```

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(60, 0, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 0, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8070, 39.8732, -75.1137 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(60, 0, 139) }
```


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

```
.border{ border-color:rgb(60, 0, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 0, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 0, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 0, 139);  
box-shadow:4px 4px 4px 4px rgb(60, 0, 139)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8070, 39.8732, -75.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 0, 139) }
```

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

```
.background{ background-color: rgb(60, 0,  
139) }
```

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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