

Converting Colors

HunterLab(15.9416, 35.0288,
-49.6076)

Have a look what the booklet for
HunterLab(15.9416, 35.0288,
-49.6076) contains.

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Color

**HunterLab(15.9371, 35.0593,
-49.9073)**

Conversions

Conversions Part 1

Format	Color
Hex	460073
RGB	70, 0, 115
RGB Percent	27%, 0%, 45%
CMY	0.7255, 1.0000, 0.5490
CMYK	0.39, 1.00, 0.00, 0.55
HSL	277°, 100%, 23%
HSV	277°, 100%, 45%
XYZ	5.6203, 2.5399, 16.4138
YIQ	34.0400, 4.8050, 50.6050

Conversions

Conversions Part 2

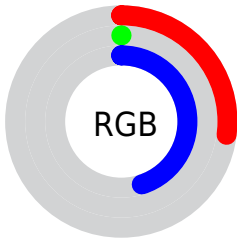
Format	Color
R_{YB}	70, 0, 115
Decimal	4587635
CIE _{Lab}	18.10, 47.82, -47.65
CIE _{LCh}	18, 67.509, 315.101
Yxy	2.5400, 0.2287, 0.1034
Android (android.graphics.Color)	4282777715 (0xFF460073)
YUV	34.0400, 39.9133, 31.5369
Hunter-Lab	15.9371, 35.0593, -49.9073

Details

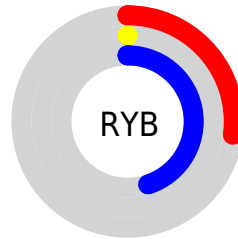
The HunterLab color **15.9371, 35.0593, -49.9073** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **35.8042, -26.6978, 21.5950**, and the grayscale version is **12.5374, -0.6690, 0.6812**.

A 20% lighter version of the original color is **31.8408, 38.9818, -48.6796**, and **7.2246, 17.8167, -37.5358** is the 20% darker color. If you saturate the color by 10%, you get **15.9373, 35.0597, -49.9065**, and if you desaturate by 10%, it is **17.2182, 32.9291, -44.6659**.

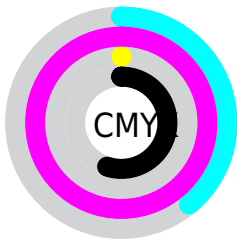
Distribution



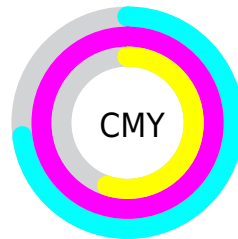
- Red (27%)
- Green (0%)
- Blue (45%)



- Red (27%)
- Yellow (0%)
- Blue (45%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9371, 35.0593, -49.9073 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 15.9371, 35.0593, -49.9073 by changing the saturation by 10% instead.

15.9371, 35.0593,
-49.9073

15.9371, 35.0593,
-49.9073

110.6529, 49.0749,
-53.1222

9.4689, 33.4638,
-53.8582

31.8486, 38.8258,
-48.6185

0.0000, INF, -NF

0.0000, NaN, -NF

41.0757, 40.6162,
-48.9804

0.0000, NaN, -NF

51.0537, 42.2951,
-49.5664

0.0000, NaN, NaN

0.0000, NaN, NaN

61.7299, 43.8596,
-50.2556

0.0000, NaN, NaN

73.0612, 45.3134,
-50.9844

0.0000, NaN, NaN

85.0119, 46.6629,

0.0000, NaN, NaN

-51.7174

■ 97.5513, 47.9145,
-52.4340

■ 15.9371, 35.0593,
-49.9073

■ 15.9371, 35.0593,
-49.9073

■ 15.9373, 35.0597,
-49.9065

■ 17.2182, 32.9291,
-44.6659

■ 18.7429, 30.2990,
-39.2289

■ 20.6702, 26.8038,
-33.3183

■ 22.9491, 22.8119,
-27.3641

■ 25.5245, 18.5962,
-21.6228

■ 28.3471, 14.3229,
-16.2068

■ 31.3758, 10.0794,
-11.1400

■ 34.5780, 5.9041,
-6.4014

■ 37.9281, 1.8085,
-1.9524

Harmonies

Analogous

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



15.9373, 10.0636, -85.3081



15.9371, 35.0593, -49.9073



15.9373, 53.5020, -11.2005

Triad

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



15.9373, 35.0597, -49.9065



15.9373, 9.9042, 11.1561



15.9373, -24.3816, -11.4044

Complementary

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



15.9371, 35.0593, -49.9073



35.8042, -26.6978, 21.5950

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.



15.9373, -24.3985, 7.5546



15.9371, 35.0593, -49.9073



15.9373, -9.4429, 11.1561

Square

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



15.9373, 35.0597, -49.9065



15.9373, 34.8960, 11.1561



15.9373, -19.6359, 11.1561



15.9373, -19.5897, -50.1976

Rectangle

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



15.9371, 35.0593, -49.9073



15.9373, 55.8275, 3.7082



15.9373, -19.6359, 11.1561



15.9373, -24.9459, -2.6168

Sweetspot

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



15.9373, 35.0597, -49.9065



41.6574, 13.9328, -15.4254



17.8657, 9.4148, -42.6543



19.6742, 7.7296, -8.6226



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



15.9373, 35.0597, -49.9065



21.1431, 46.6914, -67.6016



21.5272, 41.4617, -21.7145



19.2089, 0.7158, -0.7759



17.0032, 37.4407, -53.5248



36.8545, 81.8249, -121.2258

Inverse Universe

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



19.5814, 34.5012, 5.1534



26.1557, 45.9945, 7.5832



35.0527, -29.7996, 20.5160



19.2935, 0.8176, 0.7647



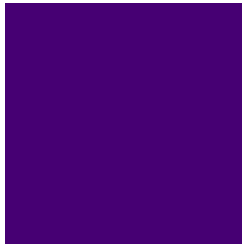
20.9269, 36.8535, 5.6503



46.0253, 80.7268, 14.9574

Previews

White Background



This preview shows how the HunterLab color 15.9371, 35.0593, -49.9073 looks on a white background.

Color Contrast Check

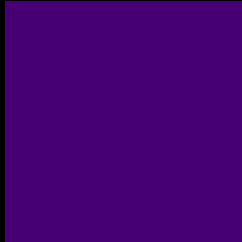
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9371, 35.0593, -49.9073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

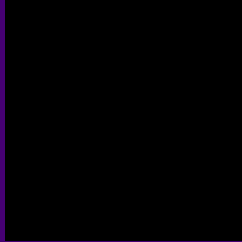
Any Text WCAG AA × Fail

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 15.9371, 35.0593, -49.9073 Background



This preview shows how black text looks on a background with the HunterLab color 15.9371, 35.0593, -49.9073.



This preview shows how white text looks on a background with the HunterLab color 15.9371, 35.0593, -49.9073.

-49.9073.

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

15.9371, 35.0593, -49.9073

Protanopia

16.8399, 4.2545, -30.2326

Deuteranopia

16.8426, -0.8749, -19.1631



Tritanopia

17.1199, 2.3910, 0.9069

Trichromacy



Original Color

15.9371, 35.0593, -49.9073

Protanomaly

14.4391, 16.0086, -44.6002

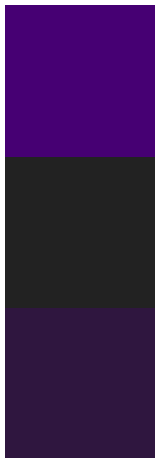
Deuteranomaly

14.1876, 12.3681, -36.2851

Tritanomaly

15.2928, 14.4814, -14.0924

Monochromacy



Original Color

15.9371, 35.0593, -49.9073

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.3977, 12.2310, -14.6359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9371, 35.0593, -49.9073 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(70, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(70, 0, 115)  
}
```

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(70, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 0, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9371, 35.0593, -49.9073 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(70, 0, 115) }
```


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

```
.border{ border-color:rgb(70, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(70, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(70, 0, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9371, 35.0593, -49.9073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 0, 115) }
```

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

```
.background{ background-color: rgb(70, 0,  
115) }
```

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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