

Converting Colors

HunterLab(15.7327, 41.0310,
-99.0441)

Have a look what the booklet for
HunterLab(15.7327, 41.0310,
-99.0441) contains.

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Color

**HunterLab(15.6946, 40.9074,
-98.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	1D0096
RGB	29, 0, 150
RGB Percent	11%, 0%, 59%
CMY	0.8862, 1.0000, 0.4118
CMYK	0.81, 1.00, 0.00, 0.41
HSL	252°, 100%, 29%
HSV	252°, 100%, 59%
XYZ	6.0117, 2.4632, 29.0127
YIQ	25.7710, -30.8660, 52.7980

Conversions

Conversions Part 2

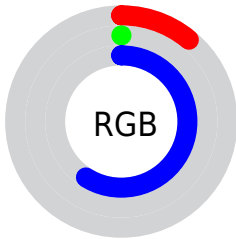
Format	Color
RYB	29, 0, 150
Decimal	1900694
CIELab	17.75, 53.74, -70.51
CIELCh	18, 88.648, 307.313
Yxy	2.4634, 0.1604, 0.0657
Android (android.graphics.Color)	4280090774 (0xFF1D0096)
YUV	25.7710, 61.2449, 2.8318
Hunter-Lab	15.6946, 40.9074, -98.6159

Details

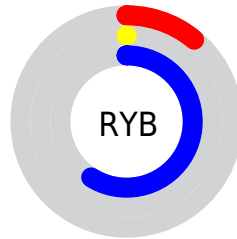
The HunterLab color **15.6946, 40.9074, -98.6159** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **50.8694, -23.0871, 30.9413**, and the grayscale version is **9.9212, -0.5294, 0.5390**.

A 20% lighter version of the original color is **31.5234, 45.0617, -89.6128**, and **9.3906, 25.4721, -66.7245** is the 20% darker color. If you saturate the color by 10%, you get **15.6951, 40.9078, -98.6125**, and if you desaturate by 10%, it is **17.3704, 37.3689, -87.1295**.

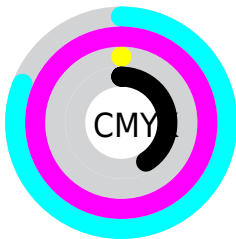
Distribution



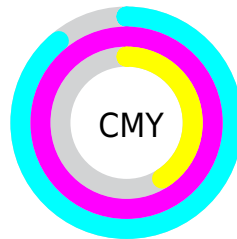
- Red (11%)
- Green (0%)
- Blue (59%)



- Red (11%)
- Yellow (0%)
- Blue (59%)



- Cyan (81%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (89%)
- Magenta (100%)
- Yellow (41%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.6946, 40.9074, -98.6159 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 15.6946, 40.9074, -98.6159 by changing the saturation by 10% instead.

■ 15.6946, 40.9074,
-98.6159

■ 15.6946, 40.9074,
-98.6159

■ 110.1899, 56.4958,
-90.3891

■ 9.2639, 39.5332,
-114.1239

■ 31.5432, 44.8544,
-89.0815

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.7432, 46.8221,
-87.8037

0.0000, NaN, -NF

■ 50.6961, 48.6965,
-87.4431

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3489, 50.4642,
-87.6086


0.0000, NaN, NaN


■ 72.6582, 52.1239,
-88.0880


0.0000, NaN, NaN


■ 84.5879, 53.6790,


-88.7573


 97.1074, 55.1344,
-89.5405


 15.6946, 40.9074,
-98.6159


 15.6946, 40.9074,
-98.6159


 15.6951, 40.9078,
-98.6125

 17.3704, 37.3689,
-87.1295

 19.7309, 32.8549,
-73.9716

 22.8322, 27.6196,
-60.3750

 26.5112, 22.3783,
-47.8020

 30.6318, 17.4262,
-36.6690

■ 35.0942, 12.8244,
-26.8984

■ 39.8280, 8.5414,
-18.2625

■ 44.7834, 4.5208,
-10.5264

■ 49.9247, 0.7072,
-3.4911

Harmonies

Analogous

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



15.6951, 5.8506, -149.4187



15.6946, 40.9074, -98.6159



15.6951, 74.0510, -29.5538

Triad

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



15.6951, 40.9078, -98.6125



15.6951, 22.6942, 10.9866



15.6951, -27.4664, -6.2564

Complementary

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



15.6946, 40.9074, -98.6159



50.8694, -23.0871, 30.9413

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.



15.6951, -27.4664, 10.9866



15.6946, 40.9074, -98.6159



15.6951, -6.5660, 10.9866

Square

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



15.6951, 40.9078, -98.6125



15.6951, 59.6687, 10.9866



15.6951, -21.1413, 10.9866



15.6951, -25.7971, -61.1097

Rectangle

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



15.6946, 40.9074, -98.6159



15.6951, 83.3841, -1.4753



15.6951, -21.1413, 10.9866



15.6951, -27.4664, 2.8738

Sweetspot

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



15.6951, 40.9078, -98.6125



52.5290, 11.6727, -24.9029



40.3041, -15.0561, -17.8748



23.5897, 6.4947, -13.7136



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.



15.6951, 40.9078, -98.6125



20.7083, 54.2287, -132.0833



22.4858, 48.3002, -61.3809



23.8406, 0.1925, -1.3960



14.3329, 37.2871, -89.5096



1.8730, 4.4010, -8.0405

Inverse Universe

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



28.0433, 52.9467, -20.0310



37.2210, 70.2198, -26.1627



47.3593, -37.2662, 28.5301



24.2696, 1.5671, -0.2134



25.5479, 48.2497, -18.3606



2.8957, 5.5816, -2.9554

Previews

White Background



This preview shows how the HunterLab color 15.6946, 40.9074, -98.6159 looks on a white background.

Color Contrast Check

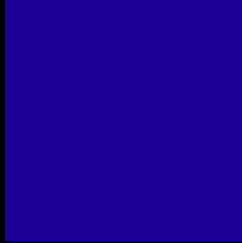
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6946, 40.9074, -98.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

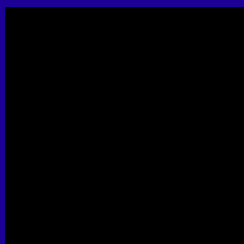
Any Text WCAG AA × Fail

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 15.6946, 40.9074, -98.6159 Background



This preview shows how black text looks on a background with the HunterLab color 15.6946, 40.9074, -98.6159.



This preview shows how white text looks on a background with the HunterLab color 15.6946, 40.9074, -98.6159.

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

15.6946, 40.9074, -98.6159

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.7054, -1.6292, -17.3634



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

15.6946, 40.9074, -98.6159

Protanomaly

14.7908, 18.4295, -55.5809

Deuteranomaly

14.4628, 14.5488, -46.7325

Tritanomaly

13.7733, 8.6505, -33.0002

Monochromacy



Original Color

15.6946, 40.9074, -98.6159

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.4348, 12.3556, -27.2254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6946, 40.9074, -98.6159 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(29, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(29, 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(29, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 0, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6946, 40.9074, -98.6159 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(29, 0, 150) }
```


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

```
.border{ border-color:rgb(29, 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(29, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(29, 0, 150)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.6946, 40.9074, -98.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 0, 150) }
```

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

```
.background{ background-color: rgb(29, 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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