

Converting Colors

HunterLab(14.9882, 40.4558,
-104.9501)

Have a look what the booklet for
HunterLab(14.9882, 40.4558,
-104.9501) contains.

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Color

**HunterLab(14.9475, 40.3292,
-104.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	050096
RGB	5, 0, 150
RGB Percent	2%, 0%, 59%
CMY	0.9803, 1.0000, 0.4118
CMYK	0.97, 1.00, 0.00, 0.41
HSL	242°, 100%, 29%
HSV	242°, 100%, 59%
XYZ	5.5676, 2.2343, 28.9920
YIQ	18.5950, -45.1700, 47.7100

Conversions

Conversions Part 2

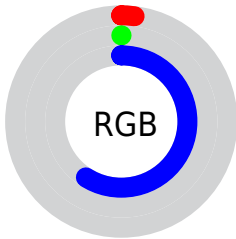
Format	Color
R_{YB}	5, 0, 150
Decimal	327830
CIE _{Lab}	16.67, 53.36, -72.34
CIE _{LCh}	17, 89.887, 306.414
Yxy	2.2344, 0.1513, 0.0607
Android (android.graphics.Color)	4278517910 (0xFF050096)
YUV	18.5950, 64.7827, -11.9228
Hunter-Lab	14.9475, 40.3292, -104.5350

Details

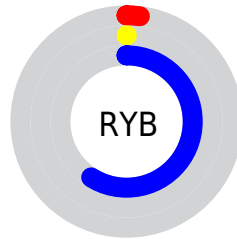
The HunterLab color **14.9475, 40.3292, -104.5350** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **52.7546, -15.9209, 32.2284**, and the grayscale version is **7.7795, -0.4151, 0.4227**.

A 20% lighter version of the original color is **30.6802, 44.1765, -93.1661**, and **9.2901, 25.1995, -66.0104** is the 20% darker color. If you saturate the color by 10%, you get **14.9480, 40.3297, -104.5311**, and if you desaturate by 10%, it is **16.3933, 36.1500, -93.6234**.

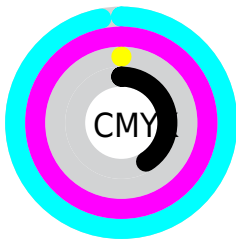
Distribution



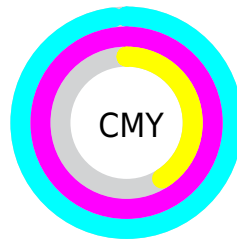
- Red (2%)
- Green (0%)
- Blue (59%)



- Red (2%)
- Yellow (0%)
- Blue (59%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (98%)
- Magenta (100%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9475, 40.3292, -104.5350 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 14.9475, 40.3292, -104.5350 by changing the saturation by 10% instead.

■ 14.9475, 40.3292,
-104.5350

■ 14.9475, 40.3292,
-104.5350

■ 108.7510, 55.8746,
-93.5581

■ 8.5946, 39.4221,
-123.8784

■ 30.5976, 44.2428,
-93.1146

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.7125, 46.2088,
-91.4836

0.0000, NaN, -NF

■ 49.5869, 48.0827,
-90.9111

0.0000, NaN, -NF

■ 60.1663, 49.8499,
-90.9456

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.4066, 51.5087,
-91.3437


0.0000, NaN, NaN


■ 83.2709, 53.0623,


0.0000, NaN, NaN


-91.9642


 95.7280, 54.5157,
-92.7207


 14.9475, 40.3292,
-104.5350


 14.9475, 40.3292,
-104.5350


 14.9480, 40.3297,
-104.5311

 16.3933, 36.1500,
-93.6234

 18.6305, 30.9153,
-79.8050

 21.7251, 25.1386,
-64.9193

 25.4774, 19.6735,
-51.1052

 29.7209, 14.7925,
-38.9883

■ 34.3368, 10.4844,
-28.4815

■ 39.2435, 6.6517,
-19.2956

■ 44.3850, 3.1905,
-11.1382

■ 49.7220, 0.0137,
-3.7681

Harmonies

Analogous

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



14.9480, 5.0226, -156.3579



14.9475, 40.3292, -104.5350



14.9480, 74.8143, -31.9823

Triad

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



14.9480, 40.3297, -104.5311



14.9480, 24.0164, 10.4636



14.9480, -26.1590, -5.3216

Complementary

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



14.9475, 40.3292, -104.5350



52.7546, -15.9209, 32.2284

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.



14.9480, -26.1590, 10.4636



14.9475, 40.3292, -104.5350



14.9480, -5.8457, 10.4636

Square

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



14.9480, 40.3297, -104.5311



14.9480, 61.7903, 10.4636



14.9480, -20.7646, 10.4636



14.9480, -26.1590, -60.7842

Rectangle

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



14.9475, 40.3292, -104.5350



14.9480, 85.0966, -2.3734



14.9480, -20.7646, 10.4636



14.9480, -26.1590, 3.4241

Sweetspot

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



14.9480, 40.3297, -104.5311



51.7383, 9.1224, -26.3130



47.3845, -24.0420, -7.3268



23.1755, 5.1794, -14.4988



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.



14.9480, 40.3297, -104.5311



19.8190, 53.5478, -139.1846



19.7674, 44.9916, -73.5769



23.7522, -0.1102, -1.5156



13.6237, 36.7359, -95.1092



1.5671, 4.1100, -10.0444

Inverse Universe

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



29.2022, 57.0077, -35.3775



38.7867, 75.7076, -46.9069



48.0780, -34.2664, 29.0255



24.3020, 1.7404, -0.6727



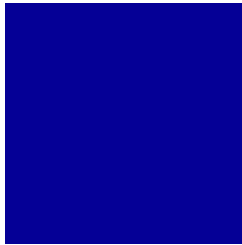
26.5963, 51.9233, -32.2421



2.9568, 5.7942, -3.7533

Previews

White Background



This preview shows how the HunterLab color 14.9475, 40.3292, -104.5350 looks on a white background.

Color Contrast Check

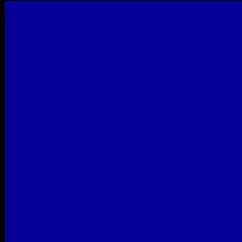
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9475, 40.3292, -104.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

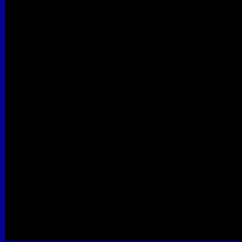
Any Text WCAG AA × Fail

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 14.9475, 40.3292, -104.5350 Background



This preview shows how black text looks on a background with the HunterLab color 14.9475, 40.3292, -104.5350.



This preview shows how white text looks on a background with the HunterLab color 14.9475, 40.3292, -104.5350.

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

14.9475, 40.3292, -104.5350

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

14.9475, 40.3292, -104.5350

Protanomaly

14.2677, 17.8300, -55.8174

Deuteranomaly

13.9317, 13.9032, -46.9083

Tritanomaly

13.2307, 7.9169, -33.0819

Monochromacy



Original Color

14.9475, 40.3292, -104.5350

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.7267, 11.8446, -30.4932

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9475, 40.3292, -104.5350 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(5, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(5, 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(5, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 0, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9475, 40.3292, -104.5350 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(5, 0, 150) }
```


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

```
.border{ border-color:rgb(5, 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(5, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 0, 150); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 0, 150); box-shadow:4px  
4px 4px 4px rgb(5, 0, 150) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.9475, 40.3292, -104.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 0, 150) }
```

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

```
.background{ background-color: rgb(5, 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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