

Converting Colors

HunterLab(9.5806, 55.6691,
-173.8968)

Have a look what the booklet for
HunterLab(9.5806, 55.6691,
-173.8968) contains.

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Color

**HunterLab(14.9478, 40.5459,
-106.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	000097
RGB	0, 0, 151
RGB Percent	0%, 0%, 59%
CMY	0.9999, 1.0000, 0.4078
CMYK	1.00, 1.00, 0.00, 0.41
HSL	240°, 100%, 30%
HSV	240°, 100%, 59%
XYZ	5.5859, 2.2344, 29.4150
YIQ	17.2140, -48.4710, 46.9610

Conversions

Conversions Part 2

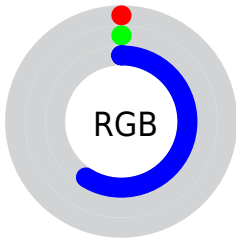
Format	Color
RYB	0, 0, 151
Decimal	151
CIELab	16.67, 53.57, -72.96
CIELCh	17, 90.513, 306.288
Yxy	2.2345, 0.1500, 0.0600
Android (android.graphics.Color)	4278190231 (0xFF000097)
YUV	17.2140, 65.9565, -15.0967
Hunter-Lab	14.9478, 40.5459, -106.2104

Details

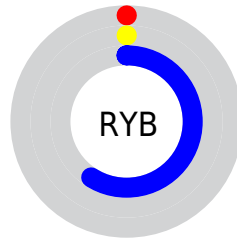
The HunterLab color **14.9478, 40.5459, -106.2104** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **53.5821, -14.4001, 32.7649**, and the grayscale version is **7.3762, -0.3936, 0.4008**.

A 20% lighter version of the original color is **30.6774, 44.3298, -94.4104**, and **9.3906, 25.4721, -66.7245** is the 20% darker color. If you saturate the color by 10%, you get **14.9483, 40.5463, -106.2063**, and if you desaturate by 10%, it is **16.3751, 36.2808, -95.2837**.

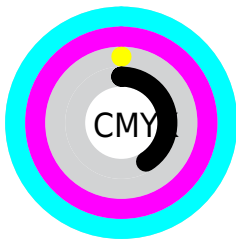
Distribution



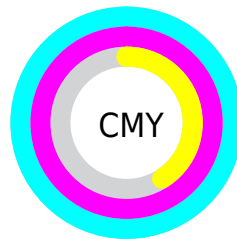
- Red (0%)
- Green (0%)
- Blue (59%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9478, 40.5459, -106.2104 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 14.9478, 40.5459, -106.2104 by changing the saturation by 10% instead.

■ 14.9478, 40.5459,
-106.2104

■ 14.9478, 40.5459,
-106.2104

■ 108.7516, 56.1420,
-94.6761

■ 8.5949, 39.6499,
-126.0638

■ 30.5980, 44.4635,
-94.4294

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.7129, 46.4350,
-92.7217

0.0000, NaN, -NF

■ 49.5874, 48.3154,
-92.1009

0.0000, NaN, -NF

■ 60.1668, 50.0894,
-92.1045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4071, 51.7552,
-92.4829

0.0000, NaN, NaN

■ 83.2715, 53.3158,

0.0000, NaN, NaN

-93.0914

■ 95.7286, 54.7762,
-93.8413

■ 14.9478, 40.5459,
-106.2104

■ 14.9478, 40.5459,
-106.2104

■ 14.9483, 40.5463,
-106.2063

■ 16.3751, 36.2808,
-95.2837

■ 18.5807, 30.8609,
-81.4360

■ 21.6777, 24.9079,
-66.2844

■ 25.4594, 19.3281,
-52.1572

■ 29.7510, 14.4010,
-39.7633

■ 34.4278, 10.1031,
-29.0306

■ 39.4043, 6.3224,
-19.6623

■ 44.6223, 2.9436,
-11.3547

■ 50.0407, -0.1288,
-3.8574

Harmonies

Analogous

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



14.9483, 4.9430, -158.5793



14.9478, 40.5459, -106.2104



14.9483, 75.4854, -32.5829

Triad

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



14.9483, 40.5463, -106.2063



14.9483, 24.3864, 10.4638



14.9483, -26.1596, -5.2300

Complementary

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



14.9478, 40.5459, -106.2104



53.5821, -14.4001, 32.7649

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.



14.9483, -26.1596, 10.4638



14.9478, 40.5459, -106.2104



14.9483, -5.7858, 10.4638

Square

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



14.9483, 40.5463, -106.2063



14.9483, 62.5625, 10.4638



14.9483, -20.8261, 10.4638



14.9483, -26.1596, -61.1952

Rectangle

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



14.9478, 40.5459, -106.2104



14.9483, 85.9848, -2.5222



14.9483, -20.8261, 10.4638



14.9483, -26.1596, 3.5229

Sweetspot

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



14.9483, 40.5463, -106.2063



52.3225, 8.7481, -27.0220



49.3636, -26.1702, -5.2063



23.6962, 5.0787, -15.1282



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.



14.9483, 40.5463, -106.2063



20.0042, 54.2604, -142.1306



19.3662, 44.7023, -76.9203



24.5487, -0.1719, -1.6111



13.7876, 37.3978, -97.9587



1.6861, 4.5729, -11.9747

Inverse Universe

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



29.6866, 58.3629, -39.1399



39.7276, 78.1032, -52.3779



48.6307, -33.6885, 29.3762



25.1468, 1.8566, -0.8084



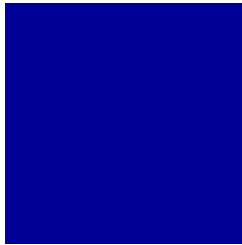
27.3813, 53.8309, -36.1007



3.3480, 6.5822, -4.4149

Previews

White Background



This preview shows how the HunterLab color 14.9478, 40.5459, -106.2104 looks on a white background.

Color Contrast Check

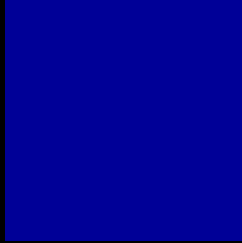
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9478, 40.5459, -106.2104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

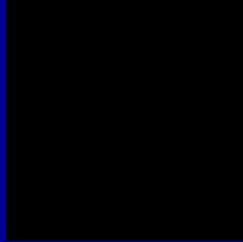
Any Text WCAG AA × Fail

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 14.9478, 40.5459, -106.2104 Background



This preview shows how black text looks on a background with the HunterLab color 14.9478, 40.5459, -106.2104.



This preview shows how white text looks on a background with the HunterLab color 14.9478, 40.5459, -106.2104.

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

14.9478, 40.5459, -106.2104

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134



Tritanopia

16.2009, -8.2282, -2.4875

Trichromacy



Original Color

14.9478, 40.5459, -106.2104

Protanomaly

14.2224, 17.7314, -56.0538

Deuteranomaly

13.9588, 14.1152, -47.9179

Tritanomaly

13.2450, 8.0832, -34.0045

Monochromacy



Original Color

14.9478, 40.5459, -106.2104

Achromatopsia

7.4869, -0.3995, 0.4068

Achromatomaly

8.3895, 11.7237, -31.0511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9478, 40.5459, -106.2104 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(0, 0, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 151)  
}
```

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(0, 0, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9478, 40.5459, -106.2104 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(0, 0, 151) }
```


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

```
.border{ border-color:rgb(0, 0, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 151); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 151); box-shadow:4px  
4px 4px 4px rgb(0, 0, 151) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.9478, 40.5459, -106.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 151) }
```

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

```
.background{ background-color: rgb(0, 0,  
151) }
```

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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