

Converting Colors

HunterLab(14.8914, 39.3025,
-97.3563)

Have a look what the booklet for
HunterLab(14.8914, 39.3025,
-97.3563) contains.

HunterLab(14.8451, 39.1934, -97.1557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**HunterLab(14.8451, 39.1934,
-97.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	150091
RGB	21, 0, 145
RGB Percent	8%, 0%, 57%
CMY	0.9176, 1.0000, 0.4314
CMYK	0.86, 1.00, 0.00, 0.43
HSL	249°, 100%, 28%
HSV	249°, 100%, 57%
XYZ	5.4201, 2.2038, 26.9278
YIQ	22.8090, -34.0290, 49.5470

Conversions

Conversions Part 2

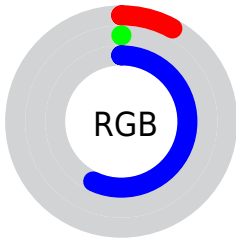
Format	Color
RYB	21, 0, 145
Decimal	1376401
CIELab	16.52, 52.27, -69.46
CIELCh	17, 86.935, 306.961
Yxy	2.2039, 0.1569, 0.0638
Android (android.graphics.Color)	4279566481 (0xFF150091)
YUV	22.8090, 60.2402, -1.5865
Hunter-Lab	14.8451, 39.1934, -97.1557

Details

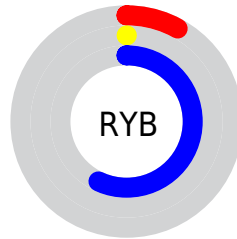
The HunterLab color **14.8451, 39.1934, -97.1557** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **49.5329, -20.2460, 30.1675**, and the grayscale version is **9.0330, -0.4820, 0.4908**.

A 20% lighter version of the original color is **30.4667, 42.8131, -86.8167**, and **8.8900, 24.1140, -63.1669** is the 20% darker color. If you saturate the color by 10%, you get **14.8456, 39.1938, -97.1522**, and if you desaturate by 10%, it is **16.4384, 35.4640, -85.8696**.

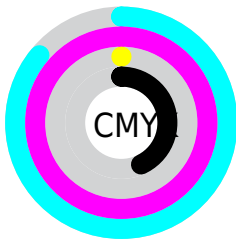
Distribution



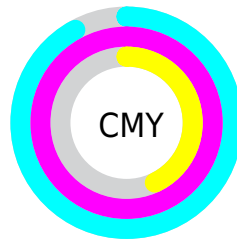
- Red (8%)
- Green (0%)
- Blue (57%)



- Red (8%)
- Yellow (0%)
- Blue (57%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (43%)



- Cyan (92%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.8451, 39.1934, -97.1557 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 14.8451, 39.1934, -97.1557 by changing the saturation by 10% instead.

■ 14.8451, 39.1934,
-97.1557

■ 14.8451, 39.1934,
-97.1557

■ 108.5523, 54.4797,
-88.4472

■ 8.4978, 38.3406,
-114.6654

■ 30.4675, 43.0811,
-87.2027

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.5705, 45.0187,
-85.8886

0.0000, NaN, -NF

■ 49.4340, 46.8606,
-85.5154

0.0000, NaN, -NF

■ 60.0033, 48.5941,
-85.6768

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.2340, 50.2182,
-86.1543


0.0000, NaN, NaN


■ 83.0892, 51.7368,

0.0000, NaN, NaN


-86.8219

 95.5377, 53.1554,
-87.6025


 14.8451, 39.1934,
-97.1557


 14.8451, 39.1934,
-97.1557


 14.8456, 39.1938,
-97.1522

 16.4384, 35.4640,
-85.8696

 18.7070, 30.8919,
-72.8345

 21.7129, 25.7156,
-59.3191

 25.2889, 20.6382,
-46.8609

 29.2973, 15.9236,
-35.8806

■ 33.6384, 11.6054,
-26.2850

■ 38.2427, 7.6340,
-17.8328

■ 43.0613, 3.9421,
-10.2808

■ 48.0596, 0.4678,
-3.4257

Harmonies

Analogous

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



14.8456, 5.3240, -146.4614



14.8451, 39.1934, -97.1557



14.8456, 71.6182, -29.3613

Triad

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



14.8456, 39.1938, -97.1522



14.8456, 22.3558, 10.3919



14.8456, -25.9798, -5.6733

Complementary

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



14.8451, 39.1934, -97.1557



49.5329, -20.2460, 30.1675

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.



14.8456, -25.9798, 10.3919



14.8451, 39.1934, -97.1557



14.8456, -6.0561, 10.3919

Square

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



14.8456, 39.1938, -97.1522



14.8456, 58.2667, 10.3919



14.8456, -20.4183, 10.3919



14.8456, -25.4647, -58.7426

Rectangle

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



14.8451, 39.1934, -97.1557



14.8456, 80.9590, -1.7542



14.8456, -20.4183, 10.3919



14.8456, -25.9798, 2.9820

Sweetspot

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



14.8456, 39.1938, -97.1522



50.7829, 10.5366, -24.5333



41.0865, -17.4684, -13.6453



22.8492, 5.8903, -13.5100



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



14.8456, 39.1938, -97.1522



19.7455, 52.3557, -130.9668



20.7632, 45.4033, -62.9057



23.0004, 0.0885, -1.3666



13.7765, 36.3204, -89.7620



1.5466, 3.7325, -7.4034

Inverse Universe

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



27.3399, 52.1418, -23.5845



36.5598, 69.6822, -31.1998



45.8392, -35.0382, 27.6325



23.4473, 1.5465, -0.3300



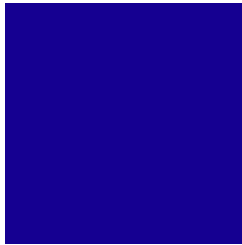
25.3263, 48.3108, -21.9193



2.5239, 4.8902, -2.7719

Previews

White Background



This preview shows how the HunterLab color 14.8451, 39.1934, -97.1557 looks on a white background.

Color Contrast Check

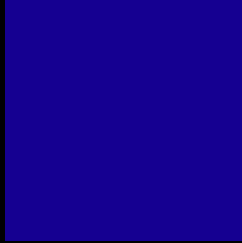
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.8451, 39.1934, -97.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

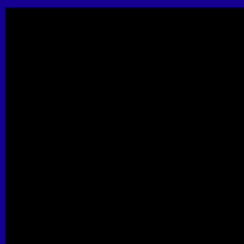
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

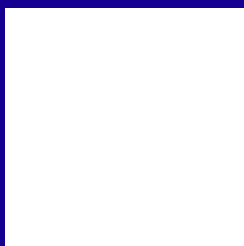
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 14.8451, 39.1934, -97.1557 Background



This preview shows how black text looks on a background with the HunterLab color 14.8451, 39.1934, -97.1557.



This preview shows how white text looks on a background with the HunterLab color 14.8451, 39.1934, -97.1557.

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

14.8451, 39.1934, -97.1557

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.7791, -1.4077, -16.6836

Trichromacy



Original Color

14.8451, 39.1934, -97.1557

Protanomaly

14.0826, 17.9610, -54.3244

Deuteranomaly

13.7465, 14.0910, -45.5000

Monochromacy



Original Color

14.8451, 39.1934, -97.1557

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.5785, 11.4672, -26.7668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.8451, 39.1934, -97.1557 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(21, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(21, 0, 145)  
}
```

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(21, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 0, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 14.8451, 39.1934, -97.1557 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(21, 0, 145) }
```

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

```
.border{ border-color:rgb(21, 0, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 0, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(21, 0, 145)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 14.8451, 39.1934, -97.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 0, 145) }
```

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

```
.background{ background-color: rgb(21, 0,  
145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor