

Converting Colors

HunterLab(9.7950, 3.8154,
-89.4629)

Have a look what the booklet for
HunterLab(9.7950, 3.8154, -89.4629)
contains.

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Color

**HunterLab(14.8151, 16.5716,
-54.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	001F72
RGB	0, 31, 114
RGB Percent	0%, 12%, 45%
CMY	0.9999, 0.8784, 0.5529
CMYK	1.00, 0.73, 0.00, 0.55
HSL	224°, 100%, 22%
HSV	224°, 100%, 45%
XYZ	3.5272, 2.1949, 16.1573
YIQ	31.1930, -45.1190, 19.2410

Conversions

Conversions Part 2

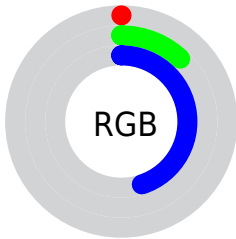
Format	Color
RYB	0, 24, 114
Decimal	8050
CIELab	16.48, 26.79, -49.89
CIELCh	16, 56.623, 298.232
Yxy	2.1949, 0.1612, 0.1003
Android (android.graphics.Color)	4278198130 (0xFF001F72)
YUV	31.1930, 40.8239, -27.3563
Hunter-Lab	14.8151, 16.5716, -54.2909

Details

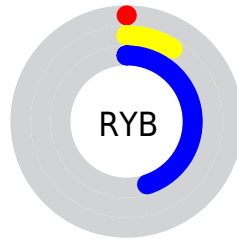
The HunterLab color **14.8151, 16.5716, -54.2909** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.2508, 2.6230, 19.3018**, and the grayscale version is **11.6536, -0.6218, 0.6332**.

A 20% lighter version of the original color is **30.4598, 18.8643, -52.0629**, and **6.1778, 16.7573, -43.8960** is the 20% darker color. If you saturate the color by 10%, you get **14.8133, 16.5769, -54.3001**, and if you desaturate by 10%, it is **16.6124, 13.0080, -46.3532**.

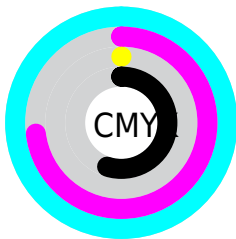
Distribution



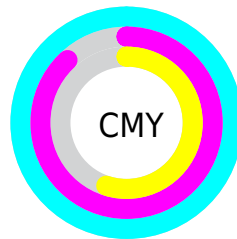
- Red (0%)
- Green (12%)
- Blue (45%)



- Red (0%)
- Yellow (9%)
- Blue (45%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.8151, 16.5716, -54.2909 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 14.8151, 16.5716, -54.2909 by changing the saturation by 10% instead.

■ 14.8151, 16.5716,
-54.2909

■ 14.8151, 16.5716,
-54.2909

■ 108.4933, 23.6681,
-56.3838

■ 8.4689, 15.4971,
-60.4409

■ 30.4289, 18.9716,
-52.0440

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.5284, 19.9557,
-52.2555

0.0000, NaN, -NF

■ 49.3887, 20.8155,
-52.7700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.9549, 21.5650,
-53.4325

0.0000, NaN, NaN

■ 71.1827, 22.2160,
-54.1618

0.0000, NaN, NaN

■ 83.0352, 22.7784,

0.0000, NaN, NaN

-54.9126

■ 95.4811, 23.2601,
-55.6586

■ 14.8151, 16.5716,
-54.2909

■ 14.8151, 16.5716,
-54.2909

■ 14.8133, 16.5769,
-54.3001

■ 16.6124, 13.0080,
-46.3532

■ 18.6448, 9.7550,
-38.9644

■ 20.9224, 7.0110,
-32.0980

■ 23.4020, 4.7469,
-25.8297

■ 26.0487, 2.8997,
-20.1332

■ 28.8352, 1.4013,
-14.9407

■ 31.7407, 0.1902,
-10.1753

■ 34.7488, -0.7854,
-5.7645

■ 37.8467, -1.5674,
-1.6459

Harmonies

Analogous

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



14.8152, -1.7205, -67.3770



14.8151, 16.5716, -54.2909



14.8152, 35.0779, -24.0433

Triad

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



14.8152, 16.5729, -54.2906



14.8152, 18.9281, 10.3706



14.8152, -21.6819, 1.6739

Complementary

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



14.8151, 16.5716, -54.2909



31.2508, 2.6230, 19.3018

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.



14.8152, -19.1948, 10.3706



14.8151, 16.5716, -54.2909



14.8152, 0.1614, 10.3706

Square

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



14.8152, 16.5729, -54.2906



14.8152, 36.7930, 9.9157



14.8152, -12.6345, 10.3706



14.8152, -19.7086, -20.5298

Rectangle

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



14.8151, 16.5716, -54.2909



14.8152, 42.4507, -6.4149



14.8152, -12.6345, 10.3706



14.8152, -21.3398, 5.5872

Sweetspot

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



14.8152, 16.5729, -54.2906



41.7693, 0.3659, -13.9657



35.5520, -24.4131, 8.2653



19.4862, 0.4100, -7.6708



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



14.8152, 16.5729, -54.2906



19.1478, 23.3858, -74.4163



11.9088, 30.5896, -71.3849



18.5323, -0.7948, -0.6052



15.5465, 17.7250, -57.6950



32.8326, 45.1000, -138.3959

Inverse Universe

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



19.1745, 33.3491, 8.3909



25.3795, 44.0723, 11.6777



37.6478, -17.6817, 22.8882



18.4798, 0.6785, 0.9700



20.2233, 35.1644, 8.9487



44.9955, 77.9632, 22.0441

Previews

White Background



This preview shows how the HunterLab color 14.8151, 16.5716, -54.2909 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 14.8151, 16.5716, -54.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

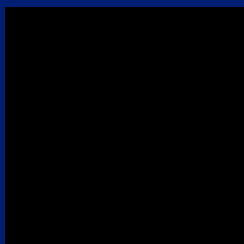
Any Text WCAG AA × Fail

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 14.8151, 16.5716, -54.2909 Background



This preview shows how black text looks on a background with the HunterLab color 14.8151, 16.5716, -54.2909.



This preview shows how white text looks on a background with the HunterLab color 14.8151, 16.5716, -54.2909.

-54.2909.

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

14.8151, 16.5716, -54.2909

Protanopia

15.0259, 3.0787, -25.4270

Deuteranopia

15.1076, -1.5876, -15.4560



Tritanopia

15.0159, -7.6041, -2.3536

Trichromacy



Original Color

14.8151, 16.5716, -54.2909

Protanomaly

14.7230, 7.8530, -35.3548

Deuteranomaly

14.6820, 4.5424, -28.1569

Tritanomaly

14.3768, -0.3830, -17.1428

Monochromacy



Original Color

14.8151, 16.5716, -54.2909

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.1063, 2.7115, -14.1144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.8151, 16.5716, -54.2909 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, 31, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 31, 114)  
}
```

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, 31, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 31, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 14.8151, 16.5716, -54.2909 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, 31, 114) }
```


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

```
.border{ border-color:rgb(0, 31, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 31, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 31, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 31, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 31, 114)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.8151, 16.5716, -54.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 31, 114) }
```

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

```
.background{ background-color: rgb(0, 31,  
114) }
```

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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