

Converting Colors

HunterLab(11.3264, 1.4502,
-87.3128)

Have a look what the booklet for
HunterLab(11.3264, 1.4502,
-87.3128) contains.

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Color

**HunterLab(16.4427, 15.8731,
-54.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	002579
RGB	0, 37, 121
RGB Percent	0%, 15%, 47%
CMY	0.9999, 0.8549, 0.5255
CMYK	1.00, 0.69, 0.00, 0.53
HSL	222°, 100%, 24%
HSV	222°, 100%, 47%
XYZ	4.1128, 2.7036, 18.3943
YIQ	35.5130, -49.0160, 18.2800

Conversions

Conversions Part 2

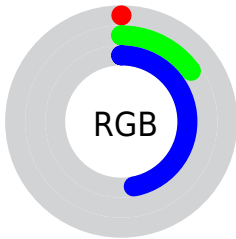
Format	Color
RYB	0, 28, 121
Decimal	9593
CIELab	18.82, 25.47, -50.53
CIELCh	19, 56.591, 296.750
Yxy	2.7037, 0.1631, 0.1072
Android (android.graphics.Color)	4278199673 (0xFF002579)
YUV	35.5130, 42.1451, -31.1449
Hunter-Lab	16.4427, 15.8731, -54.8173

Details

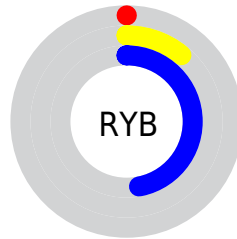
The HunterLab color **16.4427, 15.8731, -54.8173** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **32.2617, 4.7183, 19.9613**, and the grayscale version is **13.0101, -0.6942, 0.7069**.

A 20% lighter version of the original color is **32.3687, 18.1484, -53.0864**, and **6.7449, 18.2955, -47.9251** is the 20% darker color. If you saturate the color by 10%, you get **16.4406, 15.8789, -54.8273**, and if you desaturate by 10%, it is **18.3493, 12.2305, -46.9292**.

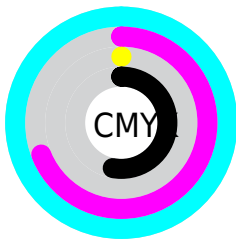
Distribution



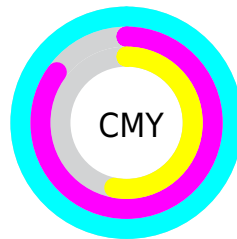
- Red (0%)
- Green (15%)
- Blue (47%)



- Red (0%)
- Yellow (11%)
- Blue (47%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4427, 15.8731, -54.8173 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 16.4427, 15.8731, -54.8173 by changing the saturation by 10% instead.

■ 16.4427, 15.8731,
-54.8173

■ 16.4427, 15.8731,
-54.8173

■ 111.6136, 22.2283,
-57.5383

■ 9.8947, 14.5468,
-59.3529

■ 32.4841, 18.0797,
-53.0638

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.7671, 18.9719,
-53.3403

0.0000, NaN, -NF

■ 51.7968, 19.7450,
-53.8870

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5213, 20.4127,
-54.5664

0.0000, NaN, NaN

■ 73.8982, 20.9865,
-55.3049

0.0000, NaN, NaN

■ 85.8920, 21.4754,

0.0000, NaN, NaN

-56.0611

98.4726, 21.8872,
-56.8105

16.4427, 15.8731,
-54.8173

16.4427, 15.8731,
-54.8173

16.4406, 15.8789,
-54.8273

18.3493, 12.2305,
-46.9292

20.4871, 8.9573,
-39.5698

22.8661, 6.2249,
-32.7052

25.4465, 3.9959,
-26.3978

28.1957, 2.2046,
-20.6256

■ 31.0875, 0.7818,
-15.3302

■ 34.1015, -0.3352,
-10.4433

■ 37.2215, -1.1993,
-5.8996

■ 40.4348, -1.8538,
-1.6413

Harmonies

Analogous

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



16.4428, -2.6294, -66.1428



16.4427, 15.8731, -54.8173



16.4428, 34.7133, -25.5406

Triad

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



16.4428, 15.8743, -54.8170



16.4428, 20.2502, 11.5100



16.4428, -22.2551, 2.5077

Complementary

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



16.4427, 15.8731, -54.8173



32.2617, 4.7183, 19.9613

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.



16.4428, -19.8240, 11.1539



16.4427, 15.8731, -54.8173



16.4428, 0.9495, 11.5100

Square

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



16.4428, 15.8743, -54.8170



16.4428, 37.8595, 9.7531



16.4428, -12.8086, 11.5100



16.4428, -20.6742, -19.1629

Rectangle

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



16.4427, 15.8731, -54.8173



16.4428, 42.4973, -7.5799



16.4428, -12.8086, 11.5100



16.4428, -21.8800, 6.3963

Sweetspot

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



16.4428, 15.8743, -54.8170



45.3213, -0.3474, -14.4561



37.8083, -26.5682, 10.0975



21.0154, 0.0594, -7.9456



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



16.4428, 15.8743, -54.8170



21.4780, 22.6725, -75.7891



12.4644, 32.4140, -77.7980



20.1865, -0.9437, -0.6278



16.9652, 16.5832, -57.0035



35.1975, 41.3940, -133.3516

Inverse Universe

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



20.4912, 35.7394, 8.1881



27.3777, 47.6746, 11.5713



40.3948, -17.8259, 24.5784



20.0832, 0.7983, 0.9804



21.2071, 36.9837, 8.5421



46.1712, 80.2354, 20.7982

Previews

White Background



This preview shows how the HunterLab color 16.4427, 15.8731, -54.8173 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 16.4427, 15.8731, -54.8173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

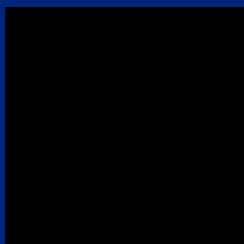
Any Text WCAG AA × Fail

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 16.4427, 15.8731, -54.8173 Background



This preview shows how black text looks on a background with the HunterLab color 16.4427, 15.8731, -54.8173.



This preview shows how white text looks on a background with the HunterLab color 16.4427, 15.8731, -54.8173.

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

16.4427, 15.8731, -54.8173

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.4560, -1.2228, -17.9288



Tritanopia

16.5282, -8.2151, -2.9249

Trichromacy



Original Color

16.4427, 15.8731, -54.8173

Protanomaly

16.2954, 7.9232, -37.4718

Deuteranomaly

16.2662, 4.5869, -30.2331

Tritanomaly

16.1169, -1.3159, -17.3041

Monochromacy



Original Color

16.4427, 15.8731, -54.8173

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.5984, 2.4211, -14.7312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4427, 15.8731, -54.8173 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, 37, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 121)  
}
```

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, 37, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4427, 15.8731, -54.8173 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, 37, 121) }
```


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

```
.border{ border-color:rgb(0, 37, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 121)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4427, 15.8731, -54.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 121) }
```

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

```
.background{ background-color: rgb(0, 37,  
121) }
```

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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