

Converting Colors

HunterLab(15.3007, 12.6352,
-55.6118)

Have a look what the booklet for
HunterLab(15.3007, 12.6352,
-55.6118) contains.

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Color

**HunterLab(16.1477, 14.5483,
-51.5889)**

Conversions

Conversions Part 1

Format	Color
Hex	002575
RGB	0, 37, 117
RGB Percent	0%, 15%, 46%
CMY	0.9999, 0.8549, 0.5412
CMYK	1.00, 0.68, 0.00, 0.54
HSL	221°, 100%, 23%
HSV	221°, 100%, 46%
XYZ	3.8724, 2.6075, 17.1288
YIQ	35.0570, -47.7320, 17.0360

Conversions

Conversions Part 2

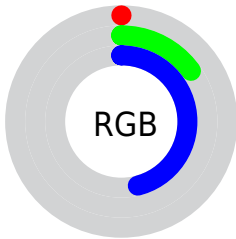
Format	Color
RYB	0, 28, 117
Decimal	9589
CIELab	18.40, 23.78, -48.66
CIELCh	18, 54.160, 296.049
Yxy	2.6075, 0.1640, 0.1104
Android (android.graphics.Color)	4278199669 (0xFF002575)
YUV	35.0570, 40.3979, -30.7450
Hunter-Lab	16.1477, 14.5483, -51.5889

Details

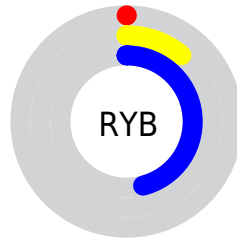
The HunterLab color **16.1477, 14.5483, -51.5889** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **30.8567, 5.0400, 19.1013**, and the grayscale version is **12.8703, -0.6867, 0.6993**.

A 20% lighter version of the original color is **32.0671, 16.8018, -50.2616**, and **6.4603, 17.5236, -45.9032** is the 20% darker color. If you saturate the color by 10%, you get **16.1458, 14.5533, -51.5974**, and if you desaturate by 10%, it is **17.9924, 11.1426, -44.1767**.

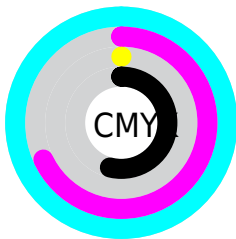
Distribution



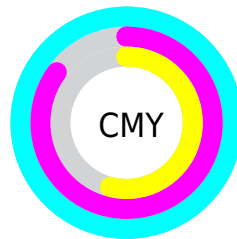
- Red (0%)
- Green (15%)
- Blue (46%)



- Red (0%)
- Yellow (11%)
- Blue (46%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (85%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1477, 14.5483, -51.5889 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 16.1477, 14.5483, -51.5889 by changing the saturation by 10% instead.

■ 16.1477, 14.5483,
-51.5889

■ 16.1477, 14.5483,
-51.5889

■ 111.0538, 20.2689,
-54.6567

■ 9.6460, 13.2887,
-55.7186

■ 32.1136, 16.6029,
-50.1540

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.3640, 17.4197,
-50.4893

0.0000, NaN, -NF

■ 51.3636, 18.1194,
-51.0636

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0600, 18.7161,
-51.7508

0.0000, NaN, NaN

■ 73.4104, 19.2210,
-52.4840

0.0000, NaN, NaN

■ 85.3792, 19.6433,

0.0000, NaN, NaN

-53.2257

97.9357, 19.9905,
-53.9543

16.1477, 14.5483,
-51.5889

16.1477, 14.5483,
-51.5889

16.1458, 14.5533,
-51.5974

17.9924, 11.1426,
-44.1767

20.0443, 8.0857,
-37.2885

22.3190, 5.5426,
-30.8577

24.7808, 3.4749,
-24.9356

27.4002, 1.8208,
-19.5012

■ 30.1533, 0.5155,
-14.5026

■ 33.0214, -0.4993,
-9.8789

■ 35.9895, -1.2728,
-5.5714

■ 39.0457, -1.8457,
-1.5280

Harmonies

Analogous

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



16.1478, -2.8796, -61.4529



16.1477, 14.5483, -51.5889



16.1478, 32.3500, -24.5891

Triad

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



16.1478, 14.5495, -51.5885



16.1478, 19.5580, 11.3035



16.1478, -21.4395, 2.7257

Complementary

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



16.1477, 14.5483, -51.5889



30.8567, 5.0400, 19.1013

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.



16.1478, -18.9825, 10.9254



16.1477, 14.5483, -51.5889



16.1478, 1.2588, 11.3035

Square

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



16.1478, 14.5495, -51.5885



16.1478, 35.9307, 9.2660



16.1478, -12.0447, 11.3035



16.1478, -19.9896, -17.3644

Rectangle

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



16.1477, 14.5483, -51.5889



16.1478, 39.8245, -7.6339



16.1478, -12.0447, 11.3035



16.1478, -21.0431, 6.3598

Sweetspot

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



16.1478, 14.5495, -51.5885



43.8814, -0.5738, -13.6899



36.4708, -25.6103, 9.7012



20.4289, -0.0750, -7.5228



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



16.1478, 14.5495, -51.5885



21.0816, 20.8696, -71.4017



12.0381, 31.2783, -74.9241



19.3944, -0.9322, -0.5697



16.8710, 15.4769, -54.4975



35.3395, 39.3583, -129.1346

Inverse Universe

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



19.7883, 34.5593, 7.5545



26.4363, 46.0919, 10.7349



38.9682, -17.1737, 23.7108



19.2826, 0.7588, 0.9204



20.7637, 36.2543, 8.0231



45.6838, 79.4709, 19.9395

Previews

White Background



This preview shows how the HunterLab color 16.1477, 14.5483, -51.5889 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 16.1477, 14.5483, -51.5889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

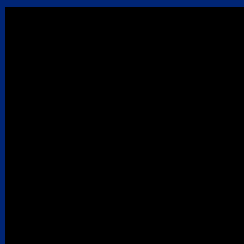
Any Text WCAG AA × Fail

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 16.1477, 14.5483, -51.5889 Background



This preview shows how black text looks on a background with the HunterLab color 16.1477, 14.5483, -51.5889.



This preview shows how white text looks on a background with the HunterLab color 16.1477, 14.5483, -51.5889.

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

16.1477, 14.5483, -51.5889

Protanopia

16.1540, 4.0079, -28.8431

Deuteranopia

16.1624, -1.0659, -17.9005



Tritanopia

16.2296, -8.0582, -2.8903

Trichromacy



Original Color

16.1477, 14.5483, -51.5889

Protanomaly

15.9536, 7.7865, -36.7496

Deuteranomaly

15.8684, 4.1729, -28.8423

Tritanomaly

15.7791, -1.4077, -16.6836

Monochromacy



Original Color

16.1477, 14.5483, -51.5889

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.4684, 1.8220, -13.6842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1477, 14.5483, -51.5889 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1477, 14.5483, -51.5889 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, 117) }
```


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

```
.border{ border-color:rgb(0, 37, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1477, 14.5483, -51.5889 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, 117) }
```

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

```
.background{ background-color: rgb(0, 37,  
117) }
```

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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