

Converting Colors

HunterLab(15.9754, 15.5312,
-53.4953)

Have a look what the booklet for
HunterLab(15.9754, 15.5312,
-53.4953) contains.

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Color

**HunterLab(16.0305, 15.3833,
-53.2448)**

Conversions

Conversions Part 1

Format	Color
Hex	002476
RGB	0, 36, 118
RGB Percent	0%, 14%, 46%
CMY	0.9999, 0.8588, 0.5373
CMYK	1.00, 0.69, 0.00, 0.54
HSL	222°, 100%, 23%
HSV	222°, 100%, 46%
XYZ	3.9009, 2.5698, 17.4300
YIQ	34.5840, -47.7780, 17.8700

Conversions

Conversions Part 2

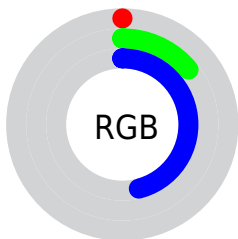
Format	Color
RYB	0, 28, 118
Decimal	9334
CIELab	18.23, 24.92, -49.58
CIELCh	18, 55.487, 296.690
Yxy	2.5698, 0.1632, 0.1075
Android (android.graphics.Color)	4278199414 (0xFF002476)
YUV	34.5840, 41.1241, -30.3302
Hunter-Lab	16.0305, 15.3833, -53.2448

Details

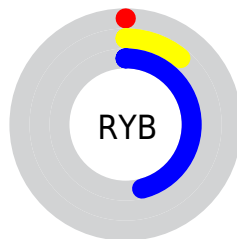
The HunterLab color **16.0305, 15.3833, -53.2448** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.4460, 4.5138, 19.4551**, and the grayscale version is **12.7184, -0.6786, 0.6910**.

A 20% lighter version of the original color is **31.8958, 17.6118, -51.6560**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **16.0285, 15.3887, -53.2541**, and if you desaturate by 10%, it is **17.8918, 11.8605, -45.5650**.

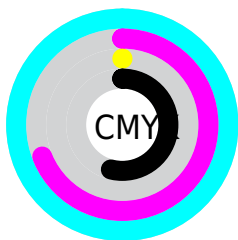
Distribution



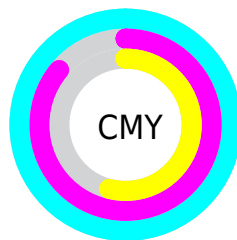
- Red (0%)
- Green (14%)
- Blue (46%)



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



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0305, 15.3833, -53.2448 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 16.0305, 15.3833, -53.2448 by changing the saturation by 10% instead.

■ 16.0305, 15.3833,
-53.2448

■ 16.0305, 15.3833,
-53.2448

■ 110.8308, 21.5761,
-56.0333

■ 9.5473, 14.0723,
-57.7556

■ 31.9661, 17.5546,
-51.5635

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.2035, 18.4281,
-51.8574

0.0000, NaN, -NF

■ 51.1911, 19.1826,
-52.4124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8763, 19.8318,
-53.0932

0.0000, NaN, NaN

■ 73.2161, 20.3872,
-53.8283

0.0000, NaN, NaN

■ 85.1748, 20.8582,

0.0000, NaN, NaN

-54.5774

97.7218, 21.2523,
-55.3171

16.0305, 15.3833,
-53.2448

16.0305, 15.3833,
-53.2448

16.0285, 15.3887,
-53.2541

17.8918, 11.8605,
-45.5650

19.9737, 8.6896,
-38.4176

22.2886, 6.0424,
-31.7533

24.7983, 3.8819,
-25.6304

27.4712, 2.1444,
-20.0267

■ 30.2821, 0.7631,
-14.8851

■ 33.2112, -0.3226,
-10.1395

■ 36.2430, -1.1638,
-5.7264

■ 39.3650, -1.8022,
-1.5901

Harmonies

Analogous

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



16.0306, -2.5898, -64.1737



16.0305, 15.3833, -53.2448



16.0306, 33.6893, -24.8573

Triad

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



16.0306, 15.3845, -53.2445



16.0306, 19.7139, 11.2214



16.0306, -21.7503, 2.4682

Complementary

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



16.0305, 15.3833, -53.2448



31.4460, 4.5138, 19.4551

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.



16.0306, -19.2975, 10.9729



16.0305, 15.3833, -53.2448



16.0306, 0.9543, 11.2214

Square

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



16.0306, 15.3845, -53.2445



16.0306, 36.8006, 9.5379



16.0306, -12.4412, 11.2214



16.0306, -20.1684, -18.5530

Rectangle

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



16.0305, 15.3833, -53.2448



16.0306, 41.2633, -7.4067



16.0306, -12.4412, 11.2214



16.0306, -21.3703, 6.2429

Sweetspot

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



16.0306, 15.3845, -53.2445



43.7388, -0.3307, -13.9063



36.8045, -25.8492, 9.8000



20.3536, 0.0540, -7.6413



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.



16.0306, 15.3845, -53.2445



20.7514, 21.7726, -72.9382



12.1445, 31.5615, -75.6408



19.3785, -0.9057, -0.5893



16.6100, 16.1713, -55.6702



34.7776, 40.9656, -131.9021

Inverse Universe

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



19.9481, 34.7962, 7.9404



26.4099, 45.9947, 11.1208



39.3241, -17.3364, 23.9272



19.2810, 0.7501, 0.9434



20.7425, 36.1761, 8.3335



45.6403, 79.3103, 20.5777

Previews

White Background



This preview shows how the HunterLab color 16.0305, 15.3833, -53.2448 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 16.0305, 15.3833, -53.2448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

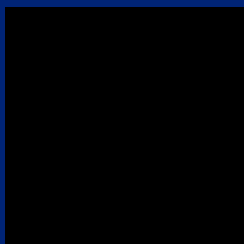
Any Text WCAG AA × Fail

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 16.0305, 15.3833, -53.2448 Background



This preview shows how black text looks on a background with the HunterLab color 16.0305, 15.3833, -53.2448.



This preview shows how white text looks on a background with the HunterLab color 16.0305, 15.3833, -53.2448.

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

16.0305, 15.3833, -53.2448

Protanopia

16.0987, 3.7211, -28.1548

Deuteranopia

16.1169, -1.3159, -17.3041



Tritanopia

16.2009, -8.2282, -2.4875

Trichromacy



Original Color

16.0305, 15.3833, -53.2448

Protanomaly

15.9536, 7.7865, -36.7496

Deuteranomaly

15.8684, 4.1729, -28.8423

Tritanomaly

15.7791, -1.4077, -16.6836

Monochromacy



Original Color

16.0305, 15.3833, -53.2448

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.2450, 2.2392, -14.1860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0305, 15.3833, -53.2448 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, 36, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 118)  
}
```

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, 36, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0305, 15.3833, -53.2448 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, 36, 118) }
```


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

```
.border{ border-color:rgb(0, 36, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 36, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 36, 118)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0305, 15.3833, -53.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 118) }
```

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

```
.background{ background-color: rgb(0, 36,  
118) }
```

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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