

Converting Colors

HunterLab(8.6913, 2.9208,
-91.8520)

Have a look what the booklet for
HunterLab(8.6913, 2.9208, -91.8520)
contains.

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Color

**HunterLab(13.8319, 16.0837,
-52.0089)**

Conversions

Conversions Part 1

Format	Color
Hex	001C6C
RGB	0, 28, 108
RGB Percent	0%, 11%, 42%
CMY	1.0000, 0.8902, 0.5765
CMYK	1.00, 0.74, 0.00, 0.58
HSL	224°, 100%, 21%
HSV	224°, 100%, 42%
XYZ	3.1220, 1.9132, 14.3921
YIQ	28.7480, -42.3680, 18.9440

Conversions

Conversions Part 2

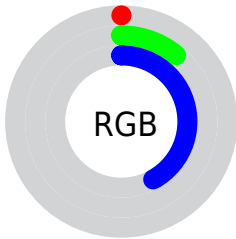
Format	Color
RYB	0, 22, 108
Decimal	7276
CIELab	15.03, 26.40, -48.39
CIELCh	15, 55.122, 298.618
Yxy	1.9132, 0.1607, 0.0985
Android (android.graphics.Color)	4278197356 (0xFF001C6C)
YUV	28.7480, 39.0712, -25.2120
Hunter-Lab	13.8319, 16.0837, -52.0089

Details

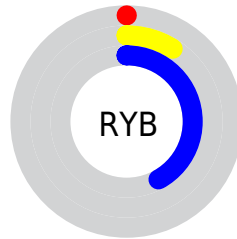
The HunterLab color **13.8319, 16.0837, -52.0089** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **29.8786, 1.8026, 18.4420**, and the grayscale version is **10.9000, -0.5816, 0.5922**.

A 20% lighter version of the original color is **29.0211, 18.5368, -49.7381**, and **5.9932, 13.6703, -37.0013** is the 20% darker color. If you saturate the color by 10%, you get **13.8304, 16.0883, -52.0168**, and if you desaturate by 10%, it is **15.5381, 12.7079, -44.3391**.

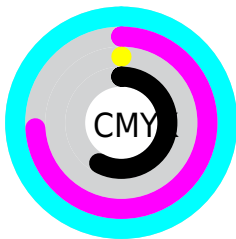
Distribution



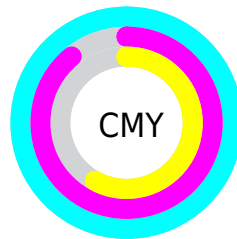
- Red (0%)
- Green (11%)
- Blue (42%)



- Red (0%)
- Yellow (9%)
- Blue (42%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8319, 16.0837, -52.0089 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 13.8319, 16.0837, -52.0089 by changing the saturation by 10% instead.

■ 13.8319, 16.0837,
-52.0089

■ 13.8319, 16.0837,
-52.0089

■ 106.5680, 23.1724,
-54.0156

■ 7.4587, 16.1126,
-60.3755

■ 29.1736, 18.4918,
-49.7144

0.0000, INF, -NF

0.0000, NaN, -NF

■ 38.1572, 19.4772,
-49.9336

0.0000, NaN, -NF

■ 47.9106, 20.3366,
-50.4519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.3772, 21.0843,
-51.1127

0.0000, NaN, NaN

■ 69.5113, 21.7325,
-51.8353

0.0000, NaN, NaN

■ 81.2751, 22.2913,

0.0000, NaN, NaN

-52.5753

■ 93.6365, 22.7690,
-53.3071

■ 13.8319, 16.0837,
-52.0089

■ 13.8319, 16.0837,
-52.0089

■ 13.8304, 16.0883,
-52.0168

■ 15.5381, 12.7079,
-44.3391

■ 17.4652, 9.6005,
-37.2328

■ 19.6279, 6.9694,
-30.6392

■ 21.9838, 4.7890,
-24.6331

■ 24.4989, 3.0001,
-19.1864

■ 27.1470, 1.5381,
-14.2310

■ 29.9079, 0.3448,
-9.6902

■ 32.7660, -0.6287,
-5.4928

■ 35.7092, -1.4221,
-1.5772

Harmonies

Analogous

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



13.8320, -1.4316, -65.0352



13.8319, 16.0837, -52.0089



13.8320, 33.7751, -22.7152

Triad

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



13.8320, 16.0849, -52.0087



13.8320, 17.8479, 9.6824



13.8320, -21.1633, 1.4022

Complementary

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



13.8319, 16.0837, -52.0089



29.8786, 1.8026, 18.4420

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.



13.8320, -18.6282, 9.6824



13.8319, 16.0837, -52.0089



13.8320, -0.0320, 9.6824

Square

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



13.8320, 16.0849, -52.0087



13.8320, 35.0635, 9.6824



13.8320, -12.0744, 9.6824



13.8320, -19.0469, -20.0683

Rectangle

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



13.8319, 16.0837, -52.0089



13.8320, 40.7528, -5.8777



13.8320, -12.0744, 9.6824



13.8320, -20.8269, 5.1679

Sweetspot

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



13.8320, 16.0849, -52.0087



39.3212, 0.5754, -13.3172



33.6046, -22.7868, 7.1886



18.7668, 0.5176, -7.4736



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



13.8320, 16.0849, -52.0087



17.8433, 22.7304, -71.3709



11.3679, 28.9865, -66.4833



17.7228, -0.7358, -0.5833



14.9680, 17.9666, -57.4934



31.9139, 46.2441, -139.7173

Inverse Universe

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



18.0893, 31.4386, 8.0963



23.9305, 41.5230, 11.2680



35.4334, -17.1103, 21.5338



17.6875, 0.6243, 0.9520



19.7447, 34.2985, 8.9975



44.4302, 76.9070, 22.3611

Previews

White Background



This preview shows how the HunterLab color 13.8319, 16.0837, -52.0089 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 13.8319, 16.0837, -52.0089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

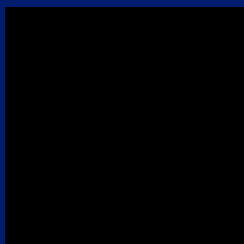
Any Text WCAG AA × Fail

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 13.8319, 16.0837, -52.0089 Background



This preview shows how black text looks on a background with the HunterLab color 13.8319, 16.0837, -52.0089.



This preview shows how white text looks on a background with the HunterLab color 13.8319, 16.0837, -52.0089.

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

13.8319, 16.0837, -52.0089

Protanopia

14.0193, 2.7273, -23.4105

Deuteranopia

14.1536, -1.6096, -14.2161



Tritanopia

14.1373, -7.1415, -2.2539

Trichromacy



Original Color

13.8319, 16.0837, -52.0089

Protanomaly

13.7195, 7.4442, -33.2180

Deuteranomaly

13.7342, 4.4567, -26.7873

Tritanomaly

13.4755, -0.1722, -16.4715

Monochromacy



Original Color

13.8319, 16.0837, -52.0089

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4578, 2.5778, -13.6086

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8319, 16.0837, -52.0089 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, 28, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 108)  
}
```

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, 28, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8319, 16.0837, -52.0089 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, 28, 108) }
```


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

```
.border{ border-color:rgb(0, 28, 108) }
```

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

Here you see how a box with a 4 pixel rgb(0, 28, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 28, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 28, 108)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8319, 16.0837, -52.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 108) }
```

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

```
.background{ background-color: rgb(0, 28,  
108) }
```

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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