

Converting Colors

HunterLab(26.4337, 8.1345,
-82.7044)

Have a look what the booklet for
HunterLab(26.4337, 8.1345,
-82.7044) contains.

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Color

**HunterLab(29.2340, 16.1759,
-71.4592)**

Conversions

Conversions Part 1

Format	Color
Hex	004CB6
RGB	0, 76, 182
RGB Percent	0%, 30%, 71%
CMY	0.9999, 0.7020, 0.2863
CMYK	1.00, 0.58, 0.00, 0.29
HSL	215°, 100%, 36%
HSV	215°, 100%, 71%
XYZ	11.0279, 8.5463, 45.3243
YIQ	65.3600, -79.3220, 16.8540

Conversions

Conversions Part 2

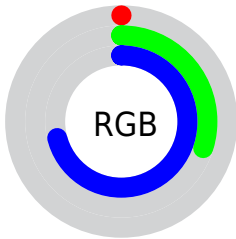
Format	Color
R _Y B	0, 54, 182
Decimal	19638
CIE Lab	35.10, 23.63, -61.24
CIE LCh	35, 65.637, 291.101
Yxy	8.5465, 0.1699, 0.1317
Android (android.graphics.Color)	4278209718 (0xFF004CB6)
YUV	65.3600, 57.5035, -57.3207
Hunter-Lab	29.2340, 16.1759, -71.4592

Details

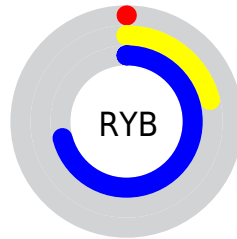
The HunterLab color **29.2340, 16.1759, -71.4592** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.0118, 18.1866, 28.0531**, and the grayscale version is **22.9461, -1.2243, 1.2467**.

A 20% lighter version of the original color is **47.9864, 17.9602, -71.0139**, and **16.4395, 19.7478, -63.1778** is the 20% darker color. If you saturate the color by 10%, you get **29.2292, 16.1871, -71.4773**, and if you desaturate by 10%, it is **32.0318, 11.2247, -61.9827**.

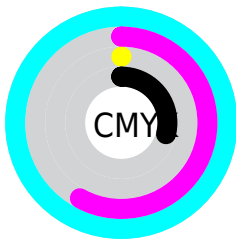
Distribution



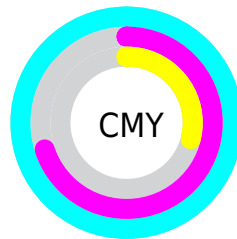
- Red (0%)
- Green (30%)
- Blue (71%)



- Red (0%)
- Yellow (21%)
- Blue (71%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2340, 16.1759, -71.4592 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 29.2340, 16.1759, -71.4592 by changing the saturation by 10% instead.

■ 29.2340, 16.1759,
-71.4592

■ 29.2340, 16.1759,
-71.4592

■ 134.1482, 20.4083,
-75.9400

■ 21.0869, 15.1861,
-73.4376

■ 47.9822, 17.7584,
-70.8642

■ 13.8794, 14.0377,
-78.3635

■ 58.4537, 18.3807,
-71.2830

■ 7.5110, 14.0251,
-94.6533

■ 69.5924, 18.9081,
-71.9109

0.0000, INF, -NF

■ 81.3605, 19.3503,
-72.6546

0.0000, NaN, -NF

■ 93.7261, 19.7153,
-73.4585

0.0000, NaN, -NF

■ 106.6615, 20.0097,

0.0000, NaN, NaN

-74.2876

0.0000, NaN, NaN

120.1426, 20.2392,
-75.1196

■ 29.2340, 16.1759,
-71.4592

■ 29.2340, 16.1759,
-71.4592

■ 29.2292, 16.1871,
-71.4773

■ 32.0318, 11.2247,
-61.9827

■ 35.1389, 6.9826,
-52.8988

■ 38.5533, 3.5610,
-44.2415

■ 42.2381, 0.9064,
-36.0799

■ 46.1590, -1.0665,
-28.4216

■ 50.2858, -2.4496,
-21.2378

■ 54.5931, -3.3293,
-14.4820

■ 59.0598, -3.7812,
-8.1025

■ 63.6683, -3.8698,
-2.0484

Harmonies

Analogous

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



29.2343, -8.1099, -78.2894



29.2340, 16.1759, -71.4592



29.2343, 41.5734, -39.2242

Triad

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



29.2343, 16.1774, -71.4585



29.2343, 31.8212, 19.1272



29.2343, -33.7389, 7.3937

Complementary

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



29.2340, 16.1759, -71.4592



45.0118, 18.1866, 28.0531

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.



29.2343, -28.6872, 17.6201



29.2340, 16.1759, -71.4592



29.2343, 5.6195, 20.4640

Square

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



29.2343, 16.1774, -71.4585



29.2343, 52.3789, 13.0687



29.2343, -15.8745, 20.4640



29.2343, -32.4959, -18.0333

Rectangle

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



29.2340, 16.1759, -71.4592



29.2343, 53.3338, -15.6347



29.2343, -15.8745, 20.4640



29.2343, -32.7981, 12.2226

Sweetspot

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



29.2343, 16.1774, -71.4585



73.1970, -4.4356, -19.9654



58.6844, -44.3454, 22.3807



33.2435, -1.8799, -11.1551



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



29.2343, 16.1774, -71.4585



38.7909, 23.0897, -98.3293



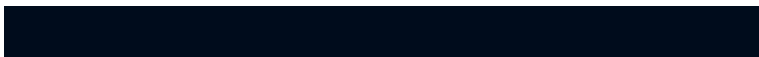
18.5944, 49.9961, -128.7816



30.5271, -1.8442, -0.7980



24.8162, 13.0312, -59.1488



5.8313, 0.1471, -7.6062

Inverse Universe

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



32.3538, 57.0136, 8.4045



43.5101, 76.5828, 12.0650



64.7978, -21.7259, 39.5469



30.1210, 1.5473, 1.0689



27.2104, 47.9984, 6.7310



5.2290, 9.4489, -0.4518

Previews

White Background



This preview shows how the HunterLab color 29.2340, 16.1759, -71.4592 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 29.2340, 16.1759, -71.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

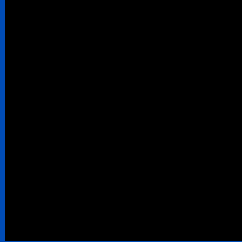
Any Text WCAG AA × Fail

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 29.2340, 16.1759, -71.4592 Background



This preview shows how black text looks on a background with the HunterLab color 29.2340, 16.1759, -71.4592.



This preview shows how white text looks on a background with the HunterLab color 29.2340, 16.1759, -71.4592.

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

29.2340, 16.1759, -71.4592

Protanopia

29.3290, 9.7187, -57.6386

Deuteranopia

29.2256, -0.0887, -36.3379



Tritanopia

29.1845, -14.4682, -5.2453

Trichromacy



Original Color

29.2340, 16.1759, -71.4592

Protanomaly

29.4074, 11.8823, -62.4071

Deuteranomaly

29.1603, 5.2176, -47.7112

Tritanomaly

28.6602, -5.1629, -24.6776

Monochromacy



Original Color

29.2340, 16.1759, -71.4592

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.1047, 0.3918, -20.0364

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2340, 16.1759, -71.4592 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, 76, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 182)  
}
```

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, 76, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2340, 16.1759, -71.4592 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, 76, 182) }
```


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

```
.border{ border-color:rgb(0, 76, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 182)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2340, 16.1759, -71.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 182) }
```

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

```
.background{ background-color: rgb(0, 76,  
182) }
```

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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