

Converting Colors

HunterLab(28.3592, 15.1168,
-68.0793)

Have a look what the booklet for
HunterLab(28.3592, 15.1168,
-68.0793) contains.

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Color

**HunterLab(28.3410, 15.1826,
-68.1988)**

Conversions

Conversions Part 1

Format	Color
Hex	004AB0
RGB	0, 74, 176
RGB Percent	0%, 29%, 69%
CMY	0.9999, 0.7098, 0.3098
CMYK	1.00, 0.58, 0.00, 0.31
HSL	215°, 100%, 35%
HSV	215°, 100%, 69%
XYZ	10.2852, 8.0321, 42.0825
YIQ	63.5020, -76.8460, 16.0340

Conversions

Conversions Part 2

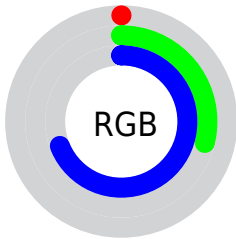
Format	Color
RYB	0, 52, 176
Decimal	19120
CIELab	34.05, 22.54, -59.39
CIELCh	34, 63.523, 290.780
Yxy	8.0323, 0.1703, 0.1330
Android (android.graphics.Color)	4278209200 (0xFF004AB0)
YUV	63.5020, 55.4615, -55.6913
Hunter-Lab	28.3410, 15.1826, -68.1988

Details

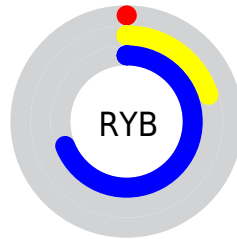
The HunterLab color **28.3410, 15.1826, -68.1988** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.2890, 17.6788, 26.9827**, and the grayscale version is **22.3052, -1.1901, 1.2119**.

A 20% lighter version of the original color is **46.9261, 16.5462, -67.2535**, and **15.6146, 18.7365, -59.9635** is the 20% darker color. If you saturate the color by 10%, you get **28.3366, 15.1928, -68.2152**, and if you desaturate by 10%, it is **31.0349, 10.4813, -59.1628**.

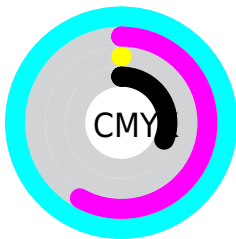
Distribution



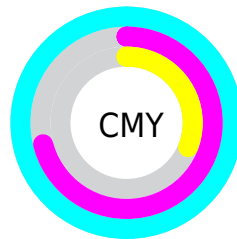
- Red (0%)
- Green (29%)
- Blue (69%)



- Red (0%)
- Yellow (20%)
- Blue (69%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (71%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3410, 15.1826, -68.1988 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 28.3410, 15.1826, -68.1988 by changing the saturation by 10% instead.

■ 28.3410, 15.1826,
-68.1988

■ 28.3410, 15.1826,
-68.1988

■ 132.6594, 19.0741,
-72.7880

■ 20.2870, 14.2324,
-70.0858

■ 46.9273, 16.6844,
-67.7162

■ 13.1850, 13.1213,
-74.9287

■ 57.3265, 17.2671,
-68.1618

■ 6.6960, 14.5022,
-95.2802

■ 68.3973, 17.7555,
-68.8031

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.1012, 18.1597,
-69.5502

0.0000, NaN, -NF

■ 92.4056, 18.4875,
-70.3497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.2826, 18.7456,

-71.1686

0.0000, NaN, NaN

118.7077, 18.9396,
-71.9859

■ 28.3410, 15.1826,
-68.1988

■ 28.3410, 15.1826,
-68.1988

■ 28.3366, 15.1928,
-68.2152

■ 31.0349, 10.4813,
-59.1628

■ 34.0196, 6.4527,
-50.5096

■ 37.2959, 3.2077,
-42.2590

■ 40.8294, 0.6945,
-34.4749

■ 44.5875, -1.1682,
-27.1644

■ 48.5419, -2.4674,
-20.3009

■ 52.6687, -3.2850,
-13.8414

■ 56.9478, -3.6930,
-7.7374

■ 61.3625, -3.7526,
-1.9416

Harmonies

Analogous

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



28.3413, -8.0036, -74.3385



28.3410, 15.1826, -68.1988



28.3413, 39.4692, -37.7422

Triad

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



28.3413, 15.1840, -68.1981



28.3413, 30.6538, 18.4502



28.3413, -32.4345, 7.2833

Complementary

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



28.3410, 15.1826, -68.1988



43.2890, 17.6788, 26.9827

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.



28.3413, -27.4840, 17.0444



28.3410, 15.1826, -68.1988



28.3413, 5.6183, 19.8389

Square

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



28.3413, 15.1840, -68.1981



28.3413, 50.1337, 12.4596



28.3413, -15.0632, 19.8389



28.3413, -31.2962, -16.8613

Rectangle

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



28.3410, 15.1826, -68.1988



28.3413, 50.7780, -15.2426



28.3413, -15.0632, 19.8389



28.3413, -31.5030, 11.8811

Sweetspot

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



28.3413, 15.1840, -68.1981



70.6228, -4.3791, -19.1003



56.5387, -42.7021, 21.5151



31.8034, -1.8555, -10.5327



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



28.3413, 15.1840, -68.1981



37.5989, 21.7389, -93.9234



17.9214, 48.1713, -124.0017



29.6609, -1.8020, -0.7571



24.4992, 12.5061, -57.6188



5.5254, -0.0626, -6.7713

Inverse Universe

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



31.1853, 54.9854, 7.8619



41.9447, 73.8656, 11.3361



62.4276, -20.9212, 38.1004



29.2619, 1.4942, 1.0306



26.7321, 47.1776, 6.4362



4.8642, 8.8135, -0.6044

Previews

White Background



This preview shows how the HunterLab color 28.3410, 15.1826, -68.1988 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 28.3410, 15.1826, -68.1988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

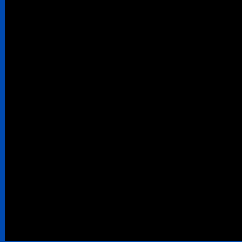
Any Text WCAG AA × Fail

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 28.3410, 15.1826, -68.1988 Background



This preview shows how black text looks on a background with the HunterLab color 28.3410, 15.1826, -68.1988.



This preview shows how white text looks on a background with the HunterLab color 28.3410, 15.1826, -68.1988.

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

28.3410, 15.1826, -68.1988

Protanopia

28.2632, 9.6203, -56.0941

Deuteranopia

28.2093, 0.1479, -35.5785



Tritanopia

28.2009, -13.9517, -5.1309

Trichromacy



Original Color

28.3410, 15.1826, -68.1988

Protanomaly

28.2773, 11.4450, -60.0506

Deuteranomaly

28.1515, 5.4470, -46.9454

Tritanomaly

27.9211, -5.3357, -23.3808

Monochromacy



Original Color

28.3410, 15.1826, -68.1988

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.7183, 0.1212, -18.7910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3410, 15.1826, -68.1988 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, 74, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 176)  
}
```

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, 74, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3410, 15.1826, -68.1988 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, 74, 176) }
```


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

```
.border{ border-color:rgb(0, 74, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 74, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3410, 15.1826, -68.1988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 176) }
```

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

```
.background{ background-color: rgb(0, 74,  
176) }
```

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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