

Converting Colors

HunterLab(28.8185, 15.3564,
-69.1708)

Have a look what the booklet for
HunterLab(28.8185, 15.3564,
-69.1708) contains.

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Color

**HunterLab(28.7869, 15.6781,
-69.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	004BB3
RGB	0, 75, 179
RGB Percent	0%, 29%, 70%
CMY	0.9999, 0.7059, 0.2980
CMYK	1.00, 0.58, 0.00, 0.30
HSL	215°, 100%, 35%
HSV	215°, 100%, 70%
XYZ	10.6528, 8.2869, 43.6860
YIQ	64.4310, -78.0840, 16.4440

Conversions

Conversions Part 2

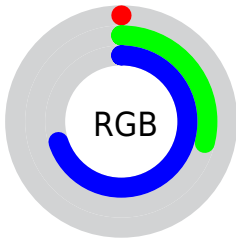
Format	Color
R _{YB}	0, 53, 179
Decimal	19379
CIE Lab	34.57, 23.08, -60.32
CIE LCh	35, 64.582, 290.943
Yxy	8.2870, 0.1701, 0.1323
Android (android.graphics.Color)	4278209459 (0xFF004BB3)
YUV	64.4310, 56.4825, -56.5060
Hunter-Lab	28.7869, 15.6781, -69.8256

Details

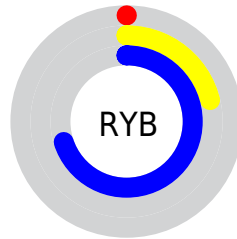
The HunterLab color **28.7869, 15.6781, -69.8256** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **44.1494, 17.9318, 27.5172**, and the grayscale version is **22.6255, -1.2072, 1.2293**.

A 20% lighter version of the original color is **47.4860, 17.4058, -69.5179**, and **16.0262, 19.2410, -61.5672** is the 20% darker color. If you saturate the color by 10%, you get **28.7821, 15.6892, -69.8435**, and if you desaturate by 10%, it is **31.5327, 10.8520, -60.5697**.

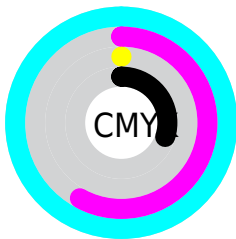
Distribution



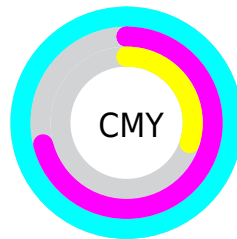
- Red (0%)
- Green (29%)
- Blue (70%)



- Red (0%)
- Yellow (21%)
- Blue (70%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7869, 15.6781, -69.8256 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 28.7869, 15.6781, -69.8256 by changing the saturation by 10% instead.

■ 28.7869, 15.6781,
-69.8256

■ 28.7869, 15.6781,
-69.8256

■ 133.4040, 19.7412,
-74.3620

■ 20.6861, 14.7079,
-71.7585

■ 47.4545, 17.2206,
-69.2869

■ 13.5311, 13.5780,
-76.6434

■ 57.8899, 17.8232,
-69.7192

■ 7.1157, 14.1765,
-94.6863

■ 68.9947, 18.3313,
-70.3540

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.7308, 18.7546,
-71.0996

0.0000, NaN, -NF

■ 93.0659, 19.1011,
-71.9015

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9722, 19.3775,

-72.7257

0.0000, NaN, NaN

119.4253, 19.5893,
-73.5505

■ 28.7869, 15.6781,
-69.8256

■ 28.7869, 15.6781,
-69.8256

■ 28.7821, 15.6892,
-69.8435

■ 31.5327, 10.8520,
-60.5697

■ 34.5786, 6.7169,
-51.7016

■ 37.9239, 3.3839,
-43.2480

■ 41.5330, 0.8001,
-35.2755

■ 45.3724, -1.1175,
-27.7915

■ 49.4129, -2.4585,
-20.7681

■ 53.6298, -3.3071,
-14.1607

■ 58.0026, -3.7370,
-7.9192

■ 62.5141, -3.8111,
-1.9945

Harmonies

Analogous

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



28.7872, -8.0568, -76.3088



28.7869, 15.6781, -69.8256



28.7872, 40.5191, -38.4821

Triad

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



28.7872, 15.6796, -69.8249



28.7872, 31.2367, 18.7888



28.7872, -33.0862, 7.3386

Complementary

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



28.7869, 15.6781, -69.8256



44.1494, 17.9318, 27.5172

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.



28.7872, -28.0852, 17.3319



28.7869, 15.6781, -69.8256



28.7872, 5.6190, 20.1511

Square

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



28.7872, 15.6796, -69.8249



28.7872, 51.2544, 12.7642



28.7872, -15.4685, 20.1511



28.7872, -31.8954, -17.4454

Rectangle

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



28.7869, 15.6781, -69.8256



28.7872, 52.0533, -15.4385



28.7872, -15.4685, 20.1511



28.7872, -32.1500, 12.0517

Sweetspot

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



28.7872, 15.6796, -69.8249



71.4688, -4.3808, -19.4033



57.6100, -43.5224, 21.9471



32.5221, -1.8678, -10.8431



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



28.7872, 15.6796, -69.8249



37.9679, 22.2512, -95.4904



18.2575, 49.0820, -126.3875



29.6574, -1.7963, -0.7613



24.4473, 12.6217, -57.8036



5.5178, -0.0495, -6.7898

Inverse Universe

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



31.7687, 55.9978, 8.1329



42.4629, 74.7603, 11.6148



63.6110, -21.3229, 38.8226



29.2615, 1.4923, 1.0356



26.7273, 47.1600, 6.5055



4.8633, 8.8103, -0.5920

Previews

White Background



This preview shows how the HunterLab color 28.7869, 15.6781, -69.8256 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 28.7869, 15.6781, -69.8256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

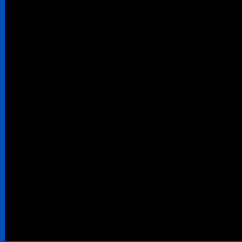
Any Text WCAG AA × Fail

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 28.7869, 15.6781, -69.8256 Background



This preview shows how black text looks on a background with the HunterLab color 28.7869, 15.6781, -69.8256.



This preview shows how white text looks on a background with the HunterLab color 28.7869, 15.6781, -69.8256.

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

28.7869, 15.6781, -69.8256

Protanopia

28.6391, 9.7617, -56.8690

Deuteranopia

28.8510, -0.2002, -35.6291



Tritanopia

28.5602, -13.9339, -5.6186

Trichromacy



Original Color

28.7869, 15.6781, -69.8256

Protanomaly

28.7194, 11.9226, -61.6342

Deuteranomaly

28.7840, 5.0881, -46.9611

Tritanomaly

28.2902, -5.2498, -24.0275

Monochromacy



Original Color

28.7869, 15.6781, -69.8256

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.7619, 0.3571, -19.3751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7869, 15.6781, -69.8256 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, 75, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 179)  
}
```

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, 75, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7869, 15.6781, -69.8256 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, 75, 179) }
```


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

```
.border{ border-color:rgb(0, 75, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 179)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7869, 15.6781, -69.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 179) }
```

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

```
.background{ background-color: rgb(0, 75,  
179) }
```

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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