

Converting Colors

HunterLab(28.4275, 17.0054,
-72.2416)

Have a look what the booklet for
HunterLab(28.4275, 17.0054,
-72.2416) contains.

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Color

**HunterLab(28.3908, 17.0915,
-72.3816)**

Conversions

Conversions Part 1

Format	Color
Hex	0049B4
RGB	0, 73, 180
RGB Percent	0%, 29%, 71%
CMY	0.9999, 0.7137, 0.2941
CMYK	1.00, 0.59, 0.00, 0.29
HSL	216°, 100%, 35%
HSV	216°, 100%, 71%
XYZ	10.6208, 8.0604, 44.1760
YIQ	63.3710, -77.8550, 17.8010

Conversions

Conversions Part 2

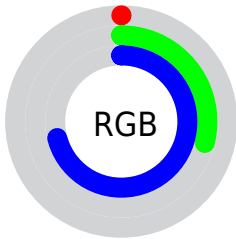
Format	Color
RYB	0, 52, 180
Decimal	18868
CIELab	34.11, 24.85, -61.67
CIELCh	34, 66.484, 291.946
Yxy	8.0606, 0.1690, 0.1282
Android (android.graphics.Color)	4278208948 (0xFF0049B4)
YUV	63.3710, 57.4981, -55.5764
Hunter-Lab	28.3908, 17.0915, -72.3816

Details

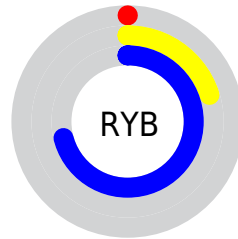
The HunterLab color **28.3908, 17.0915, -72.3816** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **44.9738, 16.8855, 28.0069**, and the grayscale version is **22.2534, -1.1874, 1.2091**.

A 20% lighter version of the original color is **47.0280, 18.8071, -71.7036**, and **15.7681, 20.5838, -64.1432** is the 20% darker color. If you saturate the color by 10%, you get **28.3858, 17.1032, -72.4007**, and if you desaturate by 10%, it is **31.1748, 12.0670, -62.7016**.

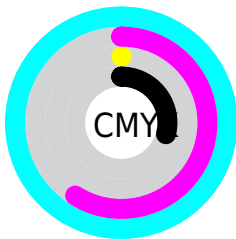
Distribution



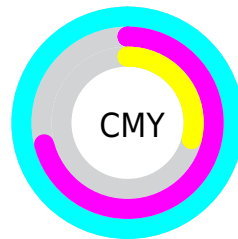
- Red (0%)
- Green (29%)
- Blue (71%)



- Red (0%)
- Yellow (20%)
- Blue (71%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3908, 17.0915, -72.3816 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 28.3908, 17.0915, -72.3816 by changing the saturation by 10% instead.

■ 28.3908, 17.0915,
-72.3816

■ 28.3908, 17.0915,
-72.3816

■ 132.7427, 21.8668,
-76.5805

■ 20.3315, 16.0267,
-74.6259

■ 46.9862, 18.8148,
-71.5767

■ 13.2236, 14.8042,
-80.1528

■ 57.3895, 19.5025,
-71.9534

■ 6.7443, 16.1110,
-102.2554

■ 68.4641, 20.0921,
-72.5579

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.1716, 20.5937,
-73.2898

0.0000, NaN, -NF

■ 92.4795, 21.0156,
-74.0890

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3597, 21.3647,

-74.9184

0.0000, NaN, NaN

118.7879, 21.6468,
-75.7541

■ 28.3908, 17.0915,
-72.3816

■ 28.3908, 17.0915,
-72.3816

■ 28.3858, 17.1032,
-72.4007

■ 31.1748, 12.0670,
-62.7016

■ 34.2760, 7.7475,
-53.4361

■ 37.6900, 4.2486,
-44.6280

■ 41.3775, 1.5159,
-36.3499

■ 45.3027, -0.5377,
-28.6063

■ 49.4343, -2.0058,
-21.3630

■ 53.7464, -2.9760,
-14.5678

■ 58.2173, -3.5246,
-8.1643

■ 62.8294, -3.7161,
-2.0977

Harmonies

Analogous

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



28.3911, -7.4837, -80.3810



28.3908, 17.0915, -72.3816



28.3911, 42.6844, -38.8652

Triad

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



28.3911, 17.0930, -72.3809



28.3911, 31.4333, 18.9311



28.3911, -33.4990, 6.8577

Complementary

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



28.3908, 17.0915, -72.3816



44.9738, 16.8855, 28.0069

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.



28.3911, -28.7381, 17.2118



28.3908, 17.0915, -72.3816



28.3911, 4.9885, 19.8738

Square

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



28.3911, 17.0930, -72.3809



28.3911, 52.6418, 13.2471



28.3911, -16.3011, 19.8738



28.3911, -32.1155, -19.2523

Rectangle

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



28.3908, 17.0915, -72.3816



28.3911, 54.3585, -14.9444



28.3911, -16.3011, 19.8738



28.3911, -32.6377, 11.7801

Sweetspot

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



28.3911, 17.0930, -72.3809



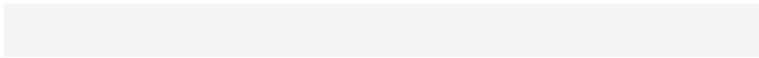
72.0573, -3.9529, -20.0901



58.0199, -43.4736, 21.3293



32.3696, -1.6144, -11.0780



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.



28.3911, 17.0930, -72.3809



37.6566, 24.3554, -99.6439



18.4334, 49.4333, -126.6628



29.6260, -1.7443, -0.8000



23.9762, 13.6855, -59.5112



5.4480, 0.0703, -6.9613

Inverse Universe

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



31.9142, 56.1550, 8.9383



42.9214, 75.4340, 12.7754



63.7514, -22.4170, 38.8899



29.2583, 1.4750, 1.0814



26.6842, 47.0021, 7.1292



4.8553, 8.7816, -0.4799

Previews

White Background



This preview shows how the HunterLab color 28.3908, 17.0915, -72.3816 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 28.3908, 17.0915, -72.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

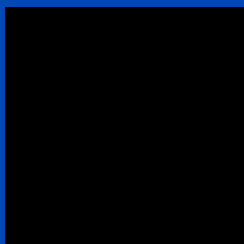
Any Text WCAG AA × Fail

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 28.3908, 17.0915, -72.3816 Background



This preview shows how black text looks on a background with the HunterLab color 28.3908, 17.0915, -72.3816.



This preview shows how white text looks on a background with the HunterLab color 28.3908, 17.0915, -72.3816.

-72.3816.

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

28.3908, 17.0915, -72.3816

Protanopia

28.2632, 9.6203, -56.0941

Deuteranopia

28.2093, 0.1479, -35.5785



Tritanopia

28.2329, -13.7623, -5.5799

Trichromacy



Original Color

28.3908, 17.0915, -72.3816

Protanomaly

28.4098, 12.1089, -61.6494

Deuteranomaly

28.2109, 5.7573, -47.6894

Tritanomaly

27.7360, -4.3948, -25.1805

Monochromacy



Original Color

28.3908, 17.0915, -72.3816

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

23.4649, 0.6517, -19.9835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3908, 17.0915, -72.3816 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, 73, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 180)  
}
```

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, 73, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3908, 17.0915, -72.3816 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, 73, 180) }
```


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

```
.border{ border-color:rgb(0, 73, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 180)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3908, 17.0915, -72.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 180) }
```

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

```
.background{ background-color: rgb(0, 73,  
180) }
```

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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