

Converting Colors

HunterLab(28.9662, 17.6070,
-74.2136)

Have a look what the booklet for
HunterLab(28.9662, 17.6070,
-74.2136) contains.

HunterLab(28.9106, 17.9431, -74.8698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.9106, 17.9431,
-74.8698)**

Conversions

Conversions Part 1

Format	Color
Hex	004AB8
RGB	0, 74, 184
RGB Percent	0%, 29%, 72%
CMY	0.9999, 0.7098, 0.2784
CMYK	1.00, 0.60, 0.00, 0.28
HSL	216°, 100%, 36%
HSV	216°, 100%, 72%
XYZ	11.1005, 8.3582, 46.3756
YIQ	64.4140, -79.4140, 18.5220

Conversions

Conversions Part 2

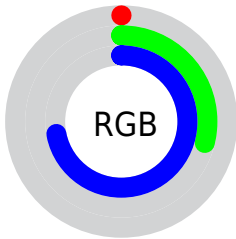
Format	Color
RYB	0, 53, 184
Decimal	19128
CIELab	34.72, 25.79, -63.03
CIELCh	35, 68.105, 292.253
Yxy	8.3584, 0.1686, 0.1270
Android (android.graphics.Color)	4278209208 (0xFF004AB8)
YUV	64.4140, 58.9559, -56.4911
Hunter-Lab	28.9106, 17.9431, -74.8698

Details

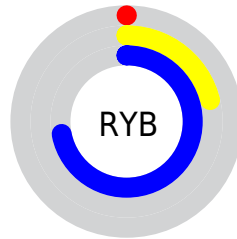
The HunterLab color **28.9106, 17.9431, -74.8698** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **46.2064, 17.0582, 28.7695**, and the grayscale version is **22.6116, -1.2065, 1.2285**.

A 20% lighter version of the original color is **47.5916, 19.6808, -74.0047**, and **16.2626, 21.4353, -66.5994** is the 20% darker color. If you saturate the color by 10%, you get **28.9055, 17.9552, -74.8895**, and if you desaturate by 10%, it is **31.7660, 12.7283, -64.8425**.

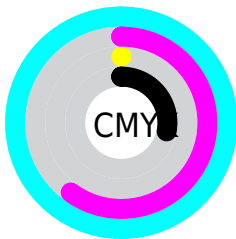
Distribution



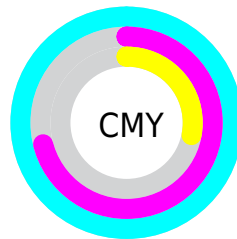
- Red (0%)
- Green (29%)
- Blue (72%)



- Red (0%)
- Yellow (21%)
- Blue (72%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (71%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9106, 17.9431, -74.8698 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 28.9106, 17.9431, -74.8698 by changing the saturation by 10% instead.

■ 28.9106, 17.9431,
-74.8698

■ 28.9106, 17.9431,
-74.8698

■ 133.6102, 23.0274,
-78.9328

■ 20.7969, 16.8419,
-77.2173

■ 47.6005, 19.7403,
-73.9501

■ 13.6274, 15.5852,
-82.8803

■ 58.0460, 20.4640,
-74.2991

■ 7.2274, 15.9839,
-102.4715

■ 69.1602, 21.0889,
-74.8884

0.0000, INF, -NF

■ 80.9052, 21.6249,
-75.6141

0.0000, NaN, -NF

■ 93.2487, 22.0803,
-76.4138

0.0000, NaN, -NF

■ 106.1631, 22.4622,

0.0000, NaN, NaN

-77.2488

0.0000, NaN, NaN

119.6240, 22.7762,
-78.0940

■ 28.9106, 17.9431,
-74.8698

■ 28.9106, 17.9431,
-74.8698

■ 28.9055, 17.9552,
-74.8895

■ 31.7660, 12.7283,
-64.8425

■ 34.9535, 8.2433,
-55.2386

■ 38.4659, 4.6055,
-46.1139

■ 42.2623, 1.7592,
-37.5458

■ 46.3046, -0.3859,
-29.5386

■ 50.5605, -1.9272,
-22.0556

■ 55.0028, -2.9555,
-15.0414

■ 59.6090, -3.5500,
-8.4362

■ 64.3608, -3.7775,
-2.1821

Harmonies

Analogous

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



28.9109, -7.4677, -83.5604



28.9106, 17.9431, -74.8698



28.9109, 44.3664, -39.8729

Triad

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



28.9109, 17.9447, -74.8691



28.9109, 32.2113, 19.3764



28.9109, -34.3887, 6.8564

Complementary

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



28.9106, 17.9431, -74.8698



46.2064, 17.0582, 28.7695

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.



28.9109, -29.5963, 17.5643



28.9106, 17.9431, -74.8698



28.9109, 4.8983, 20.2376

Square

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



28.9109, 17.9447, -74.8691



28.9109, 54.2922, 13.6961



28.9109, -16.9368, 20.2376



28.9109, -32.9143, -20.2902

Rectangle

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



28.9106, 17.9431, -74.8698



28.9109, 56.3516, -15.1239



28.9109, -16.9368, 20.2376



28.9109, -33.5314, 11.9602

Sweetspot

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



28.9109, 17.9447, -74.8691



73.7376, -3.9223, -20.7299



59.4560, -44.5645, 21.8892



33.0642, -1.5818, -11.4317



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.



28.9109, 17.9447, -74.8691



38.3500, 25.5144, -103.0124



18.8842, 50.6545, -129.8524



30.4898, -1.7826, -0.8438



24.2678, 14.2769, -61.1524



5.7432, 0.3016, -7.8297

Inverse Universe

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



32.6888, 57.4868, 9.3987



43.9593, 77.2184, 13.3923



65.3297, -22.9804, 39.8526



30.1172, 1.5268, 1.1231



27.1604, 47.8154, 7.4543



5.2191, 9.4133, -0.3124

Previews

White Background



This preview shows how the HunterLab color 28.9106, 17.9431, -74.8698 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 28.9106, 17.9431, -74.8698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

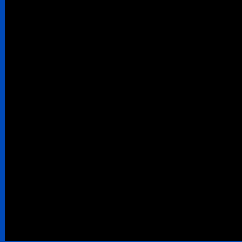
Any Text WCAG AA × Fail

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 28.9106, 17.9431, -74.8698 Background



This preview shows how black text looks on a background with the HunterLab color 28.9106, 17.9431, -74.8698.



This preview shows how white text looks on a background with the HunterLab color 28.9106, 17.9431, -74.8698.

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

28.9106, 17.9431, -74.8698

Protanopia

28.9517, 9.5774, -56.8619

Deuteranopia

28.8510, -0.2002, -35.6291



Tritanopia

28.8560, -14.2957, -5.2071

Trichromacy



Original Color

28.9106, 17.9431, -74.8698

Protanomaly

28.8529, 12.5900, -63.2417

Deuteranomaly

28.6460, 6.2012, -49.1915

Tritanomaly

28.3822, -4.7343, -25.2552

Monochromacy



Original Color

28.9106, 17.9431, -74.8698

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.8503, 0.8346, -20.5576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9106, 17.9431, -74.8698 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9106, 17.9431, -74.8698 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, 184) }
```


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

```
.border{ border-color:rgb(0, 74, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 184)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.9106, 17.9431, -74.8698 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, 184) }
```

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

```
.background{ background-color: rgb(0, 74,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor