

Converting Colors

HunterLab(29.3433, 74.8445,
-171.7695)

Have a look what the booklet for
HunterLab(29.3433, 74.8445,
-171.7695) contains.

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Color

**HunterLab(29.3219, 74.8371,
-171.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	4800FF
RGB	72, 0, 255
RGB Percent	28%, 0%, 100%
CMY	0.7176, 1.0000, 0.0000
CMYK	0.72, 1.00, 0.00, 0.00
HSL	257°, 100%, 50%
HSV	257°, 100%, 100%
XYZ	20.7225, 8.5977, 95.1752
YIQ	50.5980, -38.9430, 94.5690

Conversions

Conversions Part 2

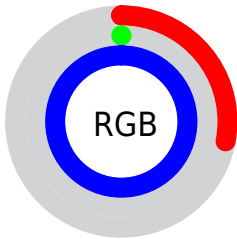
Format	Color
R_{YB}	72, 0, 255
Decimal	4718847
CIE _{Lab}	35.20, 80.25, -102.95
CIE _{LCh}	35, 130.538, 307.937
Yxy	8.5982, 0.1665, 0.0691
Android (android.graphics.Color)	4282908927 (0xFF4800FF)
YUV	50.5980, 100.7702, 18.7696
Hunter-Lab	29.3219, 74.8371, -171.9225

Details

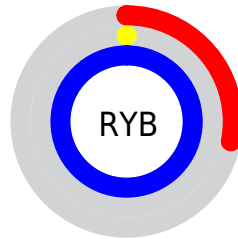
The HunterLab color **29.3219, 74.8371, -171.9225** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **90.3248, -48.8133, 54.8032**, and the grayscale version is **17.7436, -0.9468, 0.9640**.

A 20% lighter version of the original color is **43.0675, 60.4891, -102.6474**, and **19.9638, 54.1517, -141.8510** is the 20% darker color. If you saturate the color by 10%, you get **29.3227, 74.8378, -171.9166**, and if you desaturate by 10%, it is **31.8216, 71.3944, -155.4149**.

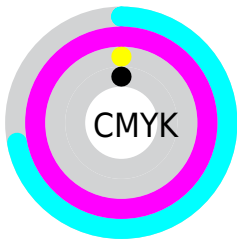
Distribution



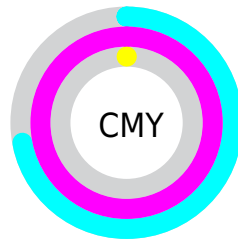
- Red (28%)
- Green (0%)
- Blue (100%)



- Red (28%)
- Yellow (0%)
- Blue (100%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.3219, 74.8371, -171.9225 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 29.3219, 74.8371, -171.9225 by changing the saturation by 10% instead.

■ 29.3219, 74.8371,
-171.9225

■ 29.3219, 74.8371,
-171.9225

■ 134.2950, 95.3666,
-155.7554

■ 21.1661, 72.8728,
-185.9804

■ 48.0865, 79.6306,
-159.3071

■ 13.9483, 71.9362,
-213.0342

■ 58.5650, 82.0925,
-156.5989

■ 7.5865, 77.1699,
-283.4695

■ 69.7104, 84.5081,
-155.1147

0.0000, INF, -NF

■ 81.4848, 86.8522,
-154.4348

0.0000, NaN, -NF

■ 93.8564, 89.1131,
-154.3005

0.0000, NaN, -NF

■ 106.7975, 91.2860,

0.0000, NaN, -NF

-154.5448

120.2841, 93.3702,
-155.0555

29.3219, 74.8371,
-171.9225

29.3219, 74.8371,
-171.9225

29.3227, 74.8378,
-171.9166

31.8216, 71.3944,
-155.4149

35.7969, 64.4735,
-133.5111

41.1863, 55.3768,
-109.8451

47.7089, 45.6455,
-87.3763

55.1075, 36.0819,
-67.1997

■ 63.1853, 26.9666,
-49.3687

■ 71.8010, 18.3328,
-33.5584

■ 80.8538, 10.1231,
-19.3769

■ 90.2712, 2.2586,
-6.4740

Harmonies

Analogous

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



29.3227, 11.6464, -262.8699



29.3219, 74.8371, -171.9225



29.3227, 133.2967, -50.7157

Triad

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



29.3227, 74.8378, -171.9166



29.3227, 39.5084, 20.5259



29.3227, -47.9812, -12.5287

Complementary

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



29.3219, 74.8371, -171.9225



90.3248, -48.8133, 54.8032

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.



29.3227, -46.7465, 18.8785



29.3219, 74.8371, -171.9225



29.3227, -12.7875, 20.5259

Square

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



29.3227, 74.8378, -171.9166



29.3227, 105.5930, 20.5259



29.3227, -38.4957, 20.5259



29.3227, -43.7614, -111.1968

Rectangle

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



29.3219, 74.8371, -171.9225



29.3227, 149.0849, -1.5911



29.3227, -38.4957, 20.5259



29.3227, -48.1545, 4.4614

Sweetspot

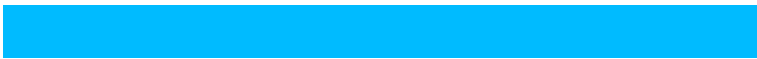
The Sweet Spot groups the original color and five complimentary colors.



29.3227, 74.8378, -171.9166



71.8010, 18.3328, -33.5584



65.3916, -16.6563, -45.7776



31.5108, 10.1398, -18.5075

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



29.3227, 74.8378, -171.9166



43.4613, 91.0407, -100.6897



41.9834, 0.8681, -2.7123



21.3475, 54.2300, -123.1950



7.0424, 17.2761, -35.8810

Inverse Universe

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



49.6773, 91.9549, -21.2396



85.1265, -70.1424, 51.2266



42.6705, 2.9715, -0.1040



35.9470, 66.6039, -15.8685



11.3000, 21.0795, -6.0932

Previews

White Background



This preview shows how the HunterLab color 29.3219, 74.8371, -171.9225 looks on a white background.

Color Contrast Check

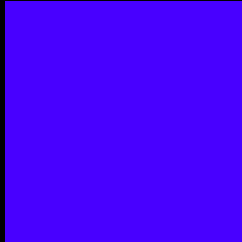
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3219, 74.8371, -171.9225 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 29.3219, 74.8371, -171.9225 Background



This preview shows how black text looks on a background with the HunterLab color 29.3219, 74.8371, -171.9225.



This preview shows how white text looks on a background with the HunterLab color 29.3219, 74.8371, -171.9225.

-171.9225.

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

29.3219, 74.8371, -171.9225

Protanopia

29.5794, 9.2087, -56.8507

Deuteranopia

29.4435, -0.8329, -35.0039



Tritanopia

29.5136, -14.6411, -5.2836

Trichromacy



Original Color

29.3219, 74.8371, -171.9225

Protanomaly

26.1643, 36.6207, -107.0623

Deuteranomaly

25.3233, 29.3019, -90.0559

Tritanomaly

23.9042, 17.2070, -61.8847

Monochromacy



Original Color

29.3219, 74.8371, -171.9225

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.5567, 25.4508, -50.1109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.3219, 74.8371, -171.9225 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(72, 0, 255)` looks like.

```
.text, #text, p{  
  color:rgb(72, 0, 255)  
}
```

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(72, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 29.3219, 74.8371, -171.9225 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(72, 0, 255) }
```

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

```
.border{ border-color:rgb(72, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(72, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 0, 255)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.3219, 74.8371, -171.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 0, 255) }
```

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

```
.background{ background-color: rgb(72, 0,  
255) }
```

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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