

Converting Colors

HunterLab(28.6014, 71.9872,
-159.8603)

Have a look what the booklet for
HunterLab(28.6014, 71.9872,
-159.8603) contains.

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Color

**HunterLab(28.6571, 72.0804,
-159.8084)**

Conversions

Conversions Part 1

Format	Color
Hex	4E00F5
RGB	78, 0, 245
RGB Percent	31%, 0%, 96%
CMY	0.6941, 1.0000, 0.0392
CMYK	0.68, 1.00, 0.00, 0.04
HSL	259°, 100%, 48%
HSV	259°, 100%, 96%
XYZ	19.6233, 8.2123, 86.9372
YIQ	51.2520, -32.1570, 92.7310

Conversions

Conversions Part 2

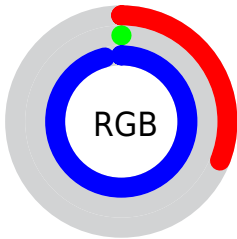
Format	Color
R_{YB}	78, 0, 245
Decimal	5112053
CIE _{Lab}	34.42, 78.18, -98.61
CIE _{LCh}	34, 125.843, 308.410
Yxy	8.2127, 0.1710, 0.0716
Android (android.graphics.Color)	4283302133 (0xFF4E00F5)
YUV	51.2520, 95.5178, 23.4580
Hunter-Lab	28.6571, 72.0804, -159.8084

Details

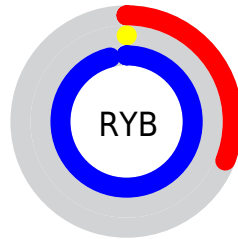
The HunterLab color **28.6571, 72.0804, -159.8084** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **85.7436, -48.9036, 51.9786**, and the grayscale version is **17.9777, -0.9592, 0.9768**.

A 20% lighter version of the original color is **43.2853, 60.9289, -101.8500**, and **18.9416, 51.3792, -134.5883** is the 20% darker color. If you saturate the color by 10%, you get **28.6579, 72.0813, -159.8037**, and if you desaturate by 10%, it is **31.1192, 68.9100, -144.2067**.

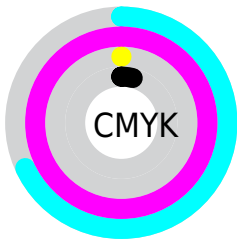
Distribution



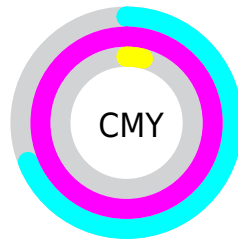
- Red (31%)
- Green (0%)
- Blue (96%)



- Red (31%)
- Yellow (0%)
- Blue (96%)



- Cyan (68%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (69%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6571, 72.0804, -159.8084 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 28.6571, 72.0804, -159.8084 by changing the saturation by 10% instead.

■ 28.6571, 72.0804,
-159.8084

■ 28.6571, 72.0804,
-159.8084

■ 133.1883, 92.2507,
-146.4101

■ 20.5703, 70.1186,
-172.6171

■ 47.3016, 76.8290,
-148.6072

■ 13.4306, 69.1719,
-197.7129

■ 57.7266, 79.2553,
-146.3115

■ 6.9968, 76.8280,
-271.4841

■ 68.8216, 81.6302,
-145.1269

0.0000, INF, -NF

0.0000, NaN, -NF

■ 80.5484, 83.9301,
-144.6667

0.0000, NaN, -NF

■ 92.8746, 86.1444,
-144.6939

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.7724, 88.2691,

-145.0561

119.2174, 90.3041,
-145.6515

28.6571, 72.0804,
-159.8084

28.6571, 72.0804,
-159.8084

28.6579, 72.0813,
-159.8037

31.1192, 68.9100,
-144.2067

34.9218, 62.5163,
-124.0537

40.0265, 53.9972,
-102.3523

46.1846, 44.7567,
-81.6575

53.1644, 35.5638,
-62.9578

■ 60.7860, 26.7151,
-46.3369

■ 68.9181, 18.2703,
-31.5312

■ 77.4666, 10.1949,
-18.2041

■ 86.3629, 2.4263,
-6.0474

Harmonies

Analogous

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



28.6579, 11.8973, -246.0573



28.6571, 72.0804, -159.8084



28.6579, 126.8714, -46.5455

Triad

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



28.6579, 72.0813, -159.8037



28.6579, 36.6382, 20.0605



28.6579, -46.5201, -12.8538

Complementary

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



28.6571, 72.0804, -159.8084



85.7436, -48.9036, 51.9786

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.



28.6579, -45.3834, 18.1740



28.6571, 72.0804, -159.8084



28.6579, -12.8665, 20.0605

Square

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



28.6579, 72.0813, -159.8037



28.6579, 99.2171, 20.0605



28.6579, -37.3901, 20.0605



28.6579, -42.2249, -106.7042

Rectangle

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



28.6571, 72.0804, -159.8084



28.6579, 141.1876, -0.7601



28.6579, -37.3901, 20.0605



28.6579, -46.7185, 3.7009

Sweetspot

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



28.6579, 72.0813, -159.8037



72.0672, 19.1751, -33.0911



58.6371, -10.1436, -51.3942



31.6517, 10.5760, -18.2435

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



28.6579, 72.0813, -159.8037



29.9632, 75.4084, -167.4229



43.4552, 89.5889, -89.5202



40.2278, 0.9423, -2.5244



21.1889, 53.0475, -116.2359



6.6884, 16.1209, -31.8549

Inverse Universe

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



47.1192, 86.6134, -15.4454



49.3036, 90.6167, -16.0691



81.1549, -67.8295, 48.8198



40.8329, 2.7526, 0.0943



34.6223, 63.7082, -11.8637



10.3546, 19.2105, -4.7654

Previews

White Background



This preview shows how the HunterLab color 28.6571, 72.0804, -159.8084 looks on a white background.

Color Contrast Check

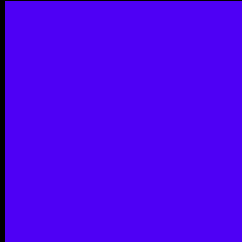
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6571, 72.0804, -159.8084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

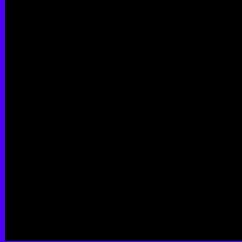
Any Text WCAG AA × Fail

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 28.6571, 72.0804, -159.8084 Background



This preview shows how black text looks on a background with the HunterLab color 28.6571, 72.0804, -159.8084.



This preview shows how white text looks on a background with the HunterLab color 28.6571, 72.0804, -159.8084.

-159.8084.

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

28.6571, 72.0804, -159.8084

Protanopia

28.8880, 9.2526, -56.0810

Deuteranopia

29.0174, -1.2227, -33.6297



Tritanopia

28.8881, -14.1058, -5.6573

Trichromacy



Original Color

28.6571, 72.0804, -159.8084

Protanomaly

25.4327, 35.9941, -104.0604

Deuteranomaly

24.7788, 28.2044, -86.2842

Tritanomaly

23.4678, 16.5700, -59.2189

Monochromacy



Original Color

28.6571, 72.0804, -159.8084

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.5210, 24.9697, -47.0926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6571, 72.0804, -159.8084 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(78, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 245)  
}
```

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(78, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6571, 72.0804, -159.8084 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(78, 0, 245) }
```


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

```
.border{ border-color:rgb(78, 0, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 0, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(78, 0, 245)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6571, 72.0804, -159.8084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 245) }
```

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

```
.background{ background-color: rgb(78, 0,  
245) }
```

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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