

Converting Colors

HunterLab(33.5799, 72.7839,
-96.7295)

Have a look what the booklet for
HunterLab(33.5799, 72.7839,
-96.7295) contains.

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Color

**HunterLab(33.5044, 72.6420,
-96.6789)**

Conversions

Conversions Part 1

Format	Color
Hex	9200DB
RGB	146, 0, 219
RGB Percent	57%, 0%, 86%
CMY	0.4274, 1.0000, 0.1412
CMYK	0.33, 1.00, 0.00, 0.14
HSL	280°, 100%, 43%
HSV	280°, 100%, 86%
XYZ	24.6402, 11.2254, 67.8858
YIQ	68.6200, 16.7170, 99.0610

Conversions

Conversions Part 2

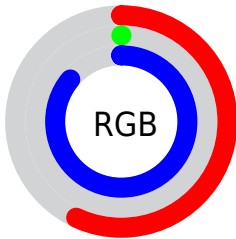
Format	Color
RYB	146, 0, 219
Decimal	9568475
CIELab	39.96, 77.62, -74.38
CIELCh	40, 107.503, 316.221
Yxy	11.2258, 0.2375, 0.1082
Android (android.graphics.Color)	4287758555 (0xFF9200DB)
YUV	68.6200, 74.1373, 67.8623
Hunter-Lab	33.5044, 72.6420, -96.6789

Details

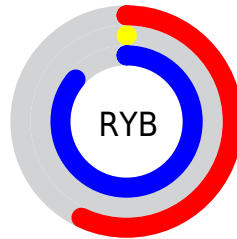
The HunterLab color **33.5044, 72.6420, -96.6789** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **72.1662, -56.8383, 43.4734**, and the grayscale version is **24.0047, -1.2808, 1.3042**.

A 20% lighter version of the original color is **51.5057, 71.3530, -75.9197**, and **21.5006, 49.1190, -81.4430** is the 20% darker color. If you saturate the color by 10%, you get **33.5048, 72.6425, -96.6776**, and if you desaturate by 10%, it is **35.3361, 70.8414, -89.4347**.

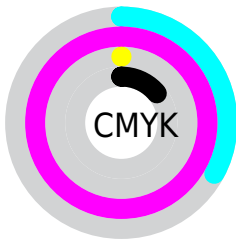
Distribution



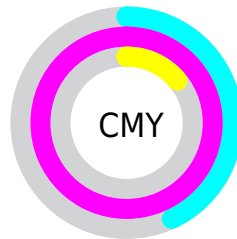
- Red (57%)
- Green (0%)
- Blue (86%)



- Red (57%)
- Yellow (0%)
- Blue (86%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (43%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5044, 72.6420, -96.6789 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 33.5044, 72.6420, -96.6789 by changing the saturation by 10% instead.

33.5044, 72.6420,
-96.6789

33.5044, 72.6420,
-96.6789

141.1419, 92.4754,
-99.3409

24.9378, 70.4330,
-99.8478

52.9877, 77.4623,
-94.7664

17.2588, 68.7769,
-106.5104

63.7888, 79.8522,
-94.8504

10.5858, 68.7358,
-121.4857

75.2378, 82.1739,
-95.2764

0.0000, INF, -NF

0.0000, NaN, -NF

87.3001, 84.4127,
-95.9146

0.0000, NaN, -NF

99.9460, 86.5625,
-96.6844

0.0000, NaN, -NF

113.1495, 88.6220,

0.0000, NaN, NaN

-97.5334

126.8882, 90.5922,
-98.4269

■ 33.5044, 72.6420,
-96.6789

■ 33.5044, 72.6420,
-96.6789

■ 33.5048, 72.6425,
-96.6776

■ 35.3361, 70.8414,
-89.4347

■ 37.9960, 66.4449,
-80.0006

■ 41.5816, 59.6416,
-68.8927

■ 46.0066, 51.2799,
-57.1212

■ 51.1521, 42.1066,
-45.4232

■ 56.9006, 32.6263,
-34.1992

■ 63.1505, 23.1258,
-23.6032

■ 69.8191, 13.7446,
-13.6484

■ 76.8413, 4.5362,
-4.2818

Harmonies

Analogous

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



33.5049, 22.1955, -168.3678



33.5044, 72.6420, -96.6789



33.5049, 108.5949, -20.3717

Triad

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



33.5049, 72.6424, -96.6771



33.5049, 18.3033, 23.4535



33.5049, -47.9930, -25.3124

Complementary

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



33.5044, 72.6420, -96.6789



72.1662, -56.8383, 43.4734

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.



33.5049, -48.2650, 14.8787



33.5044, 72.6420, -96.6789



33.5049, -20.4877, 23.4535

Square

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



33.5049, 72.6424, -96.6771



33.5049, 68.6811, 23.4535



33.5049, -40.9018, 23.4535



33.5049, -39.8273, -103.6409

Rectangle

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



33.5044, 72.6420, -96.6789



33.5049, 112.1924, 8.7508



33.5049, -40.9018, 23.4535



33.5049, -48.8146, -6.9954

Sweetspot

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



33.5049, 72.6424, -96.6771



74.8336, 27.7663, -28.3587



31.4320, 31.1367, -106.5022



33.1326, 15.0623, -15.5569

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.5049, 72.6424, -96.6771



39.7069, 86.1820, -115.2915



42.9631, 81.4846, -33.5489



36.1195, 1.8801, -1.7619



25.9199, 56.0884, -73.9451



6.9398, 14.7156, -17.4607

Inverse Universe

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



39.4223, 68.7318, 16.0155



46.8143, 81.5719, 19.3910



71.2697, -60.4602, 41.4354



36.2254, 1.8168, 1.6349



30.3864, 53.0362, 11.8943



7.8350, 13.8688, 1.5654

Previews

White Background



This preview shows how the HunterLab color 33.5044, 72.6420, -96.6789 looks on a white background.

Color Contrast Check

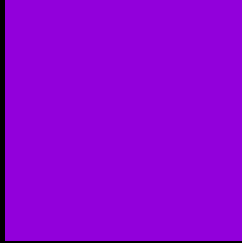
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.5044, 72.6420, -96.6789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

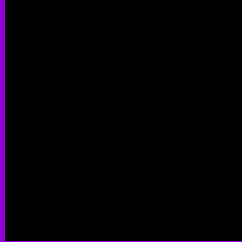
Any Text WCAG AA × Fail

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 33.5044, 72.6420, -96.6789 Background



This preview shows how black text looks on a background with the HunterLab color 33.5044, 72.6420, -96.6789.



This preview shows how white text looks on a background with the HunterLab color 33.5044, 72.6420, -96.6789.

-96.6789.

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

33.5044, 72.6420, -96.6789

Protanopia

34.3057, 11.5855, -67.8890

Deuteranopia

34.3340, 0.3440, -43.6571



Tritanopia

34.1163, 10.5527, 3.6107

Trichromacy



Original Color

33.5044, 72.6420, -96.6789

Protanomaly

28.7131, 36.3579, -99.6321

Deuteranomaly

28.1065, 28.3914, -81.3582

Tritanomaly

30.6474, 35.5587, -27.0093

Monochromacy



Original Color

33.5044, 72.6420, -96.6789

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.0790, 28.0529, -31.6248

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5044, 72.6420, -96.6789 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(146, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(146, 0, 219)  
}
```

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(146, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 0, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5044, 72.6420, -96.6789 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(146, 0, 219) }
```


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

```
.border{ border-color:rgb(146, 0, 219) }
```

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

Here you see how a box with a 4 pixel rgb(146, 0, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(146, 0,  
219) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5044, 72.6420, -96.6789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 0, 219) }
```

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

```
.background{ background-color: rgb(146, 0,  
219) }
```

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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