

Converting Colors

HunterLab(34.9130, 80.4689,
-137.7430)

Have a look what the booklet for
HunterLab(34.9130, 80.4689,
-137.7430) contains.

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Color

**HunterLab(34.9379, 80.4968,
-137.6127)**

Conversions

Conversions Part 1

Format	Color
Hex	8500FF
RGB	133, 0, 255
RGB Percent	52%, 0%, 100%
CMY	0.4784, 1.0000, 0.0000
CMYK	0.48, 1.00, 0.00, 0.00
HSL	271°, 100%, 50%
HSV	271°, 100%, 100%
XYZ	27.7229, 12.2066, 95.5028
YIQ	68.8370, -2.5870, 107.5010

Conversions

Conversions Part 2

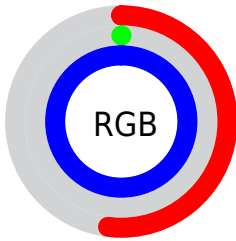
Format	Color
RYB	133, 0, 255
Decimal	8716543
CIELab	41.54, 83.56, -92.23
CIELCh	42, 124.459, 312.176
Yxy	12.2070, 0.2047, 0.0901
Android (android.graphics.Color)	4286906623 (0xFF8500FF)
YUV	68.8370, 91.7784, 56.2710
Hunter-Lab	34.9379, 80.4968, -137.6127

Details

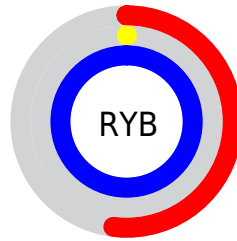
The HunterLab color **34.9379, 80.4968, -137.6127** is a dark color, and the websafe version is hex **9900FF**. The color can be described as dark saturated purple. A complement of this color would be **86.9811, -62.3623, 52.5056**, and the grayscale version is **24.0258, -1.2820, 1.3054**.

A 20% lighter version of the original color is **50.4291, 68.3641, -78.9602**, and **22.5565, 56.4998, -123.9580** is the 20% darker color. If you saturate the color by 10%, you get **34.9385, 80.4975, -137.6093**, and if you desaturate by 10%, it is **37.3835, 78.4050, -125.6394**.

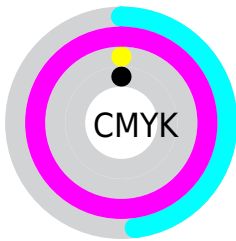
Distribution



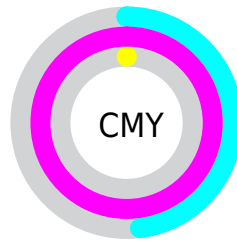
- Red (52%)
- Green (0%)
- Blue (100%)



- Red (52%)
- Yellow (0%)
- Blue (100%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9379, 80.4968, -137.6127 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 34.9379, 80.4968, -137.6127 by changing the saturation by 10% instead.

34.9379, 80.4968,
-137.6127

34.9379, 80.4968,
-137.6127

143.4472,
101.4308, -133.8578

26.2389, 78.2812,
-144.2219

54.6549, 85.4666,
-132.0134

18.4124, 76.7004,
-156.6008

65.5612, 87.9683,
-131.0938

11.5701, 76.8524,
-182.1481

77.1097, 90.4156,
-130.8344

4.1334, 125.2122,
-355.8290

89.2663, 92.7889,
-131.0109

0.0000, INF, -NF

0.0000, NaN, -NF

102.0022, 95.0792,
-131.4813

0.0000, NaN, -NF

115.2920, 97.2830,

0.0000, NaN, -NF

-132.1519

129.1136, 99.3998,
-132.9589

■ 34.9379, 80.4968,
-137.6127

■ 34.9379, 80.4968,
-137.6127

■ 34.9385, 80.4975,
-137.6093

■ 37.3835, 78.4050,
-125.6394

■ 40.9835, 72.9546,
-110.3359

■ 45.7821, 64.7688,
-93.1769

■ 51.6177, 55.0701,
-75.8992

■ 58.3077, 44.7619,
-59.4889

■ 65.6911, 34.3568,
-44.3089

■ 73.6394, 24.0931,
-30.3745

■ 82.0539, 14.0554,
-17.5538

■ 90.8598, 4.2533,
-5.6739

Harmonies

Analogous

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



34.9385, 19.0171, -224.4102



34.9379, 80.4968, -137.6127



34.9385, 130.1262, -35.3339

Triad

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



34.9385, 80.4975, -137.6093



34.9385, 29.8568, 24.4570



34.9385, -53.3025, -21.1572

Complementary

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



34.9379, 80.4968, -137.6127



86.9811, -62.3623, 52.5056

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.



34.9385, -52.6968, 19.1843



34.9379, 80.4968, -137.6127



34.9385, -18.7654, 24.4570

Square

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



34.9385, 80.4975, -137.6093



34.9385, 91.9017, 24.4570



34.9385, -43.8601, 24.4570



34.9385, -46.4519, -116.5712

Rectangle

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



34.9379, 80.4968, -137.6127



34.9385, 139.4865, 4.9742



34.9385, -43.8601, 24.4570



34.9385, -53.7961, -1.4777

Sweetspot

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



34.9385, 80.4975, -137.6093



73.6394, 24.0931, -30.3745



46.3120, 15.9434, -92.3032



32.4899, 13.1371, -16.7035

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.9385, 80.4975, -137.6093



53.1124, 104.0403, -67.1027



42.2420, 1.7457, -2.3626



25.4321, 58.3869, -98.5536



8.3356, 18.6815, -28.7727

Inverse Universe

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



47.6078, 84.4809, 7.8865



84.5750, -72.4838, 50.7602



42.5815, 2.4942, 1.1623



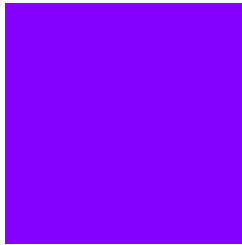
34.4568, 61.2253, 5.0797



10.8533, 19.4738, 0.1348

Previews

White Background



This preview shows how the HunterLab color 34.9379, 80.4968, -137.6127 looks on a white background.

Color Contrast Check

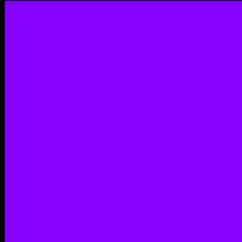
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9379, 80.4968, -137.6127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

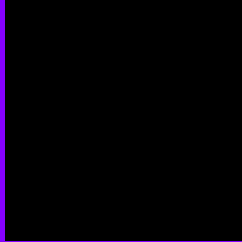
Any Text WCAG AA × Fail

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 34.9379, 80.4968, -137.6127 Background



This preview shows how black text looks on a background with the HunterLab color 34.9379, 80.4968, -137.6127.



This preview shows how white text looks on a background with the HunterLab color 34.9379, 80.4968, -137.6127.

-137.6127.

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

34.9379, 80.4968, -137.6127

Protanopia

35.4722, 12.0238, -70.2932

Tritanopia

35.1638, -1.9832, -1.8206

Trichromacy



Original Color

34.9379, 80.4968, -137.6127

Protanomaly

30.3089, 40.8286, -114.4252

Tritanomaly

30.5227, 30.7679, -46.1506

Monochromacy



Original Color

34.9379, 80.4968, -137.6127

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.2545, 29.8956, -42.3847

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9379, 80.4968, -137.6127 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(133, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9379, 80.4968, -137.6127 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(133, 0, 255) }
```

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

```
.border{ border-color:rgb(133, 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(133, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9379, 80.4968, -137.6127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 255) }
```

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

```
.background{ background-color: rgb(133, 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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