

Converting Colors

HunterLab(40.1853, 85.0229,
-113.3353)

Have a look what the booklet for
HunterLab(40.1853, 85.0229,
-113.3353) contains.

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Color

**HunterLab(40.2067, 84.9719,
-113.2487)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0DFF
RGB	171, 13, 255
RGB Percent	67%, 5%, 100%
CMY	0.3294, 0.9490, 0.0000
CMYK	0.33, 0.95, 0.00, 0.00
HSL	279°, 100%, 53%
HSV	279°, 95%, 100%
XYZ	34.9885, 16.1658, 95.8840
YIQ	87.8300, 16.4860, 108.7580

Conversions

Conversions Part 2

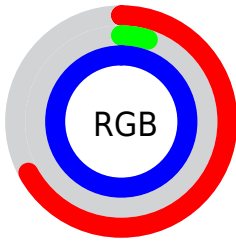
Format	Color
R _Y B	171, 13, 255
Decimal	11210239
CIE Lab	47.19, 85.97, -82.75
CIE LCh	47, 119.323, 316.092
Yxy	16.1663, 0.2380, 0.1099
Android (android.graphics.Color)	4289400319 (0xFFAB0DFF)
YUV	87.8300, 82.4148, 72.9401
Hunter-Lab	40.2067, 84.9719, -113.2487

Details

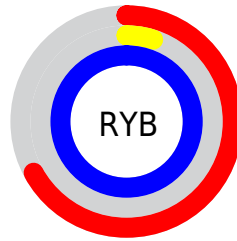
The HunterLab color $40.2067, 84.9719, -113.2487$ is a dark color, and the websafe version is hex $9900FF$. The color can be described as middle saturated purple. A complement of this color would be $86.0758, -66.1015, 51.6199$, and the grayscale version is $30.8803, -1.6477, 1.6778$.

A 20% lighter version of the original color is $56.8967, 74.7643, -62.2190$, and $26.9860, 61.1520, -98.3572$ is the 20% darker color. If you saturate the color by 10%, you get $39.2175, 85.5707, -117.3668$, and if you desaturate by 10%, it is $42.8071, 81.6573, -103.2294$.

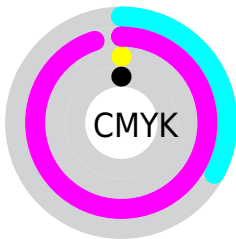
Distribution



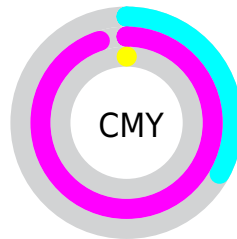
- Red (67%)
- Green (5%)
- Blue (100%)



- Red (67%)
- Yellow (5%)
- Blue (100%)



- Cyan (33%)
- Magenta (95%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (95%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2067, 84.9719, -113.2487 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 40.2067, 84.9719, -113.2487 by changing the saturation by 10% instead.

40.2067, 84.9719,
-113.2487

40.2067, 84.9719,
-113.2487

151.7633,
106.1208, -115.6873

31.0514, 82.5968,
-116.2574

60.7344, 90.0520,
-111.2319

22.7204, 80.6384,
-122.1175

72.0079, 92.5751,
-111.2423

15.3060, 79.7551,
-133.8841

83.9038, 95.0370,
-111.6119

8.9229, 82.1588,
-160.9627

96.3909, 97.4227,
-112.2149

0.0000, INF, -NF

0.0000, NaN, -NF

109.4425, 99.7253,
-112.9702

0.0000, NaN, -NF

123.0353,

0.0000, NaN, -NF

101.9423, -113.8236

137.1484,
104.0737, -114.7380

■ 40.2067, 84.9719,
-113.2487

■ 40.2067, 84.9719,
-113.2487

■ 39.2175, 85.5707,
-117.3668

■ 42.8071, 81.6573,
-103.2294

■ 46.5493, 74.9804,
-90.5061

■ 51.3755, 65.8734,
-76.3718

■ 57.1510, 55.3638,
-61.9631

■ 63.7258, 44.2248,
-47.9805

70.9636, 32.9269,
-34.7407

78.7518, 21.7135,
-22.3209

87.0007, 10.6891,
-10.6776

95.6403, -0.1176,
0.2812

Harmonies

Analogous

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



40.2073, 25.8422, -196.2193



40.2067, 84.9719, -113.2487



40.2073, 127.1249, -24.1787

Triad

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



40.2073, 84.9722, -113.2461



40.2073, 21.7490, 28.1451



40.2073, -57.1158, -29.3530

Complementary

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



40.2067, 84.9719, -113.2487



86.0758, -66.1015, 51.6199

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.



40.2073, -57.4103, 17.7643



40.2067, 84.9719, -113.2487



40.2073, -24.1022, 28.1451

Square

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



40.2073, 84.9722, -113.2461



40.2073, 80.8258, 28.1451



40.2073, -48.4962, 28.1451



40.2073, -47.3444, -120.4851

Rectangle

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



40.2067, 84.9719, -113.2487



40.2073, 131.4663, 10.2285



40.2073, -48.4962, 28.1451



40.2073, -58.0986, -7.9555

Sweetspot

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



40.2073, 84.9722, -113.2461



76.2850, 25.1716, -26.0836



39.9816, 30.7341, -115.1223



33.7400, 13.8857, -14.5509

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.2073, 84.9722, -113.2461



39.2175, 85.5707, -117.3668



51.6204, 96.8450, -43.2342



42.3867, 2.2348, -2.1677



28.5002, 62.0442, -84.1925



9.2285, 19.7843, -24.8909

Inverse Universe

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



47.3402, 81.3315, 16.4309



46.8754, 81.7967, 18.4983



84.7525, -71.4709, 48.9166



42.5337, 2.2377, 1.8428



33.9215, 59.2645, 12.8273



10.6773, 18.8323, 2.6582

Previews

White Background



This preview shows how the HunterLab color 40.2067, 84.9719, -113.2487 looks on a white background.

Color Contrast Check

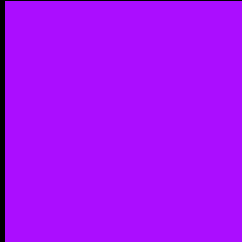
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2067, 84.9719, -113.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

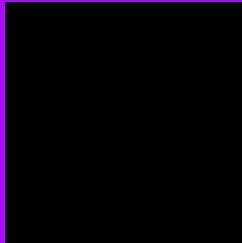
Any Text WCAG AA × Fail

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 40.2067, 84.9719, -113.2487 Background



This preview shows how black text looks on a background with the HunterLab color 40.2067, 84.9719, -113.2487.



This preview shows how white text looks on a background with the HunterLab color 40.2067, 84.9719, -113.2487.

-113.2487.

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

40.2067, 84.9719, -113.2487

Protanopia

40.7363, 14.6461, -82.5336

Deuteranopia

40.4211, 1.3489, -53.4348



Tritanopia

40.1576, 13.1367, 4.0282

Trichromacy



Original Color

40.2067, 84.9719, -113.2487



Protanomaly

34.7775, 41.1145, -115.7530



Deuteranomaly

34.0402, 32.1811, -95.1903



Tritanomaly

36.8476, 41.2505, -30.8271

Monochromacy



Original Color

40.2067, 84.9719, -113.2487



Achromatopsia

31.2390, -1.6668, 1.6973



Achromatomaly

30.5924, 31.4455, -35.7050

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2067, 84.9719, -113.2487 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(171, 13, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 13, 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(171, 13, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 13, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2067, 84.9719, -113.2487 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(171, 13, 255) }
```


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

```
.border{ border-color:rgb(171, 13, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 13, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 13, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 13, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 13,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2067, 84.9719, -113.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 13, 255) }
```

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

```
.background{ background-color: rgb(171, 13,  
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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