

Converting Colors

HunterLab(49.0555, 98.7266,
-82.3898)

Have a look what the booklet for
HunterLab(49.0555, 98.7266,
-82.3898) contains.

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Color

**HunterLab(49.0337, 98.6958,
-82.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	E600FF
RGB	230, 0, 255
RGB Percent	90%, 0%, 100%
CMY	0.0980, 0.9999, 0.0000
CMYK	0.10, 1.00, 0.00, 0.00
HSL	294°, 100%, 50%
HSV	294°, 100%, 100%
XYZ	50.6832, 24.0430, 96.5773
YIQ	97.8400, 55.2250, 128.0650

Conversions

Conversions Part 2

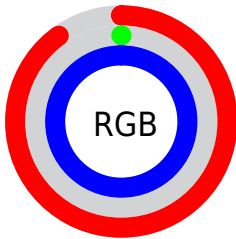
Format	Color
R_{YB}	230, 0, 255
Decimal	15073535
CIE _{Lab}	56.13, 94.55, -67.80
CIE _{LCh}	56, 116.342, 324.357
Yxy	24.0440, 0.2959, 0.1404
Android (android.graphics.Color)	4293263615 (0xFFE600FF)
YUV	97.8400, 77.4799, 115.9043
Hunter-Lab	49.0337, 98.6958, -82.4546

Details

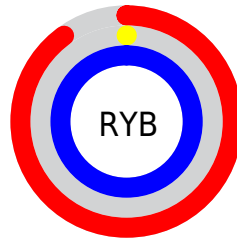
The HunterLab color **49.0337, 98.6958, -82.4546** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **84.6919, -71.9947, 50.9257**, and the grayscale version is **34.6000, -1.8462, 1.8799**.

A 20% lighter version of the original color is **61.4714, 78.1039, -52.0047**, and **35.3076, 71.8824, -65.6885** is the 20% darker color. If you saturate the color by 10%, you get **49.0335, 98.6956, -82.4550**, and if you desaturate by 10%, it is **50.1779, 96.6411, -79.1770**.

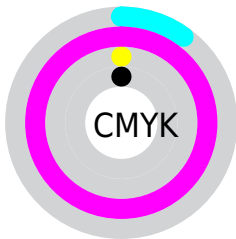
Distribution



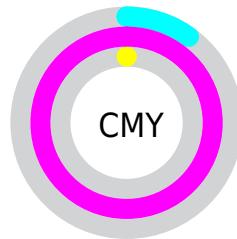
- Red (90%)
- Green (0%)
- Blue (100%)



- Red (90%)
- Yellow (0%)
- Blue (100%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0337, 98.6958, -82.4546 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 49.0337, 98.6958, -82.4546 by changing the saturation by 10% instead.

49.0337, 98.6958,
-82.4546

49.0337, 98.6958,
-82.4546

165.2402,
121.0461, -88.9673

39.1999, 96.1370,
-82.7376

70.7828, 104.0340,
-83.1802

30.1278, 93.8663,
-83.9156

82.6142, 106.6796,
-83.8668

21.8892, 92.2724,
-86.7901

95.0400, 109.2672,
-84.6556

14.5786, 92.3229,
-93.2934

108.0330,
111.7834, -85.5004

8.2391, 98.4709,
-110.7363

121.5694,
114.2213, -86.3711

0.0000, INF, -NF

0.0000, NaN, -NF

135.6283,

116.5778, -87.2476

0.0000, NaN, -NF

150.1908,
118.8525, -88.1162

■ 49.0337, 98.6958,
-82.4546

■ 49.0337, 98.6958,
-82.4546

■ 49.0335, 98.6956,
-82.4550

■ 50.1779, 96.6411,
-79.1770

■ 52.2043, 91.5622,
-73.6778

■ 55.2752, 83.3477,
-65.9600

■ 59.3755, 72.6838,
-56.6122

■ 64.4224, 60.4308,
-46.3157

70.3033, 47.3449,
-35.6377

76.9013, 33.9656,
-24.9606

84.1099, 20.6234,
-14.5008

91.8380, 7.4931,
-4.3568

Harmonies

Analogous

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



49.0347, 42.1461, -166.8293



49.0337, 98.6958, -82.4546



49.0347, 129.2225, -6.8953

Triad

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



49.0347, 98.6938, -82.4515



49.0347, 6.9066, 34.3243



49.0347, -61.9902, -49.9231

Complementary

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



49.0337, 98.6958, -82.4546



84.6919, -71.9947, 50.9257

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.



49.0347, -65.2440, 10.6262



49.0337, 98.6958, -82.4546



49.0347, -35.4964, 34.3243

Square

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



49.0347, 98.6938, -82.4515



49.0347, 64.5326, 34.1356



49.0347, -57.7737, 31.3454



49.0347, -46.0363, -138.3220

Rectangle

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



49.0337, 98.6958, -82.4546



49.0347, 124.6153, 19.9828



49.0347, -57.7737, 31.3454



49.0347, -64.2581, -24.8641

Sweetspot

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



49.0347, 98.6938, -82.4515



76.8930, 33.9817, -24.9734



28.1749, 67.3255, -180.5487



34.2502, 18.3360, -13.6286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0347, 98.6938, -82.4515



49.0335, 98.6956, -82.4550



48.5397, 87.8610, -5.3700



42.6668, 3.1762, -1.7928



35.4963, 71.4164, -59.4483



11.1890, 22.4444, -18.2177

Inverse Universe

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



46.1855, 79.2426, 28.6638



46.1846, 79.2445, 28.6653



85.1351, -68.9785, 42.4947



42.4453, 1.7619, 3.1051



33.3991, 57.3352, 20.5101



10.4658, 18.0538, 5.7482

Previews

White Background



This preview shows how the HunterLab color 49.0337, 98.6958, -82.4546 looks on a white background.

Color Contrast Check

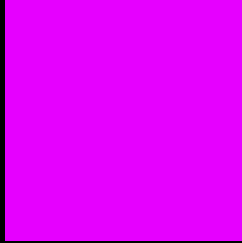
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.0337, 98.6958, -82.4546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

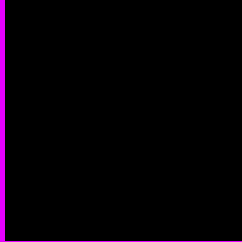
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.0337, 98.6958, -82.4546 Background



This preview shows how black text looks on a background with the HunterLab color 49.0337, 98.6958, -82.4546.



This preview shows how white text looks on a background with the HunterLab color 49.0337, 98.6958, -82.4546.

-82.4546.

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

49.0337, 98.6958, -82.4546

Protanopia

49.8806, 14.8692, -81.4578

Deuteranopia

49.9605, 4.6463, -66.9657



Tritanopia

49.1660, 38.7143, 14.1994

Trichromacy



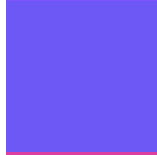
Original Color

49.0337, 98.6958, -82.4546



Protanomaly

42.4220, 51.2547, -105.1885



Deuteranomaly

41.0938, 42.7668, -98.5672



Tritanomaly

46.1520, 64.1931, -13.7543

Monochromacy



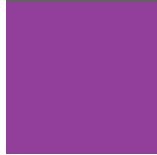
Original Color

49.0337, 98.6958, -82.4546



Achromatopsia

34.9484, -1.8648, 1.8988



Achromatomaly

34.5294, 40.3431, -31.2643

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0337, 98.6958, -82.4546 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(230, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 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(230, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0337, 98.6958, -82.4546 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(230, 0, 255) }
```


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

```
.border{ border-color:rgb(230, 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(230, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0337, 98.6958, -82.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 255) }
```

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

```
.background{ background-color: rgb(230, 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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