

Converting Colors

HunterLab(49.7437, 86.2148,
-9.2509)

Have a look what the booklet for
HunterLab(49.7437, 86.2148,
-9.2509) contains.

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Color

**HunterLab(49.7341, 86.1964,
-9.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1CA3
RGB	255, 28, 163
RGB Percent	100%, 11%, 64%
CMY	0.0000, 0.8901, 0.3608
CMYK	0.00, 0.89, 0.36, 0.00
HSL	324°, 100%, 55%
HSV	324°, 89%, 100%
XYZ	48.2661, 24.7348, 36.8806
YIQ	111.2630, 91.9570, 90.1090

Conversions

Conversions Part 2

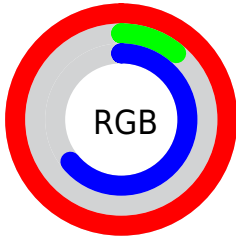
Format	Color
R_{YB}	255, 28, 163
Decimal	16719011
CIE _{Lab}	56.82, 85.04, -13.87
CIE _{LCh}	57, 86.163, 350.738
Yxy	24.7362, 0.4393, 0.2251
Android (android.graphics.Color)	4294909091 (0xFFFF1CA3)
YUV	111.2630, 25.5063, 126.0573
Hunter-Lab	49.7341, 86.1964, -9.1530

Details

The HunterLab color **49.7341, 86.1964, -9.1530** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **85.5126, -66.9197, 39.1944**, and the grayscale version is **39.8572, -2.1267, 2.1655**.

A 20% lighter version of the original color is **60.8663, 67.2657, -25.9287**, and **35.1485, 63.4580, -2.5990** is the 20% darker color. If you saturate the color by 10%, you get **48.5836, 87.6216, -5.1300**, and if you desaturate by 10%, it is **51.8506, 81.7789, -12.0212**.

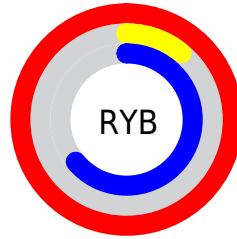
Distribution



Red (100%)

Green (11%)

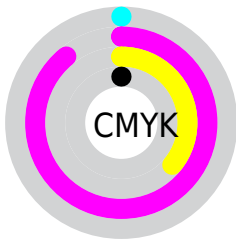
Blue (64%)



Red (100%)

Yellow (11%)

Blue (64%)

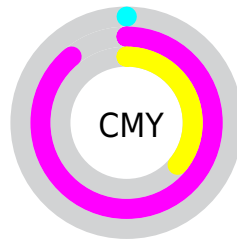


Cyan (0%)

Magenta (89%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7341, 86.1964, -9.1530 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 49.7341, 86.1964, -9.1530 by changing the saturation by 10% instead.

49.7341, 86.1964,
-9.1530

49.7341, 86.1964,
-9.1530

166.2894,
106.6066, -7.6574

39.8505, 83.6771,
-9.0326

71.5744, 91.2380,
-9.1876

30.7241, 81.3086,
-8.8393

83.4475, 93.6817,
-9.1157

22.4256, 79.3519,
-8.5669

95.9130, 96.0481,
-8.9896

15.0477, 78.4686,
-8.2175

108.9440, 98.3306,
-8.8128

8.6876, 81.1586,
-7.9113

122.5169,
100.5269, -8.5886

0.0000, INF, -NF

0.0000, INF, NaN

136.6108,

102.6372, -8.3197

0.0000, NaN, NaN

151.2072,
104.6630, -8.0086

0.0000, NaN, NaN

■ 49.7341, 86.1964,
-9.1530

■ 49.7341, 86.1964,
-9.1530

■ 48.5836, 87.6216,
-5.1300

■ 51.8506, 81.7789,
-12.0212

■ 48.4925, 87.6953,
-4.7150

■ 55.0482, 74.4069,
-13.4249

■ 59.2982, 64.7463,
-13.3641

■ 64.5050, 53.6114,
-12.0213

■ 70.5470, 41.7012,
-9.6499

77.3023, 29.5053,
-6.4951

84.6617, 17.3194,
-2.7589

92.5332, 5.2978,
1.4060

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.7355, 63.3956, -59.9318



49.7341, 86.1964, -9.1530



49.7355, 80.4471, 20.8875

Triad

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



49.7355, 86.1917, -9.1513



49.7355, -24.9489, 33.3397



49.7355, -39.4379, -80.4915

Complementary

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



49.7341, 86.1964, -9.1530



85.5126, -66.9197, 39.1944

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.



49.7355, -52.3894, -26.8499



49.7341, 86.1964, -9.1530



49.7355, -45.8358, 29.0035

Square

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



49.7355, 86.1917, -9.1513



49.7355, 9.0300, 33.7380



49.7355, -54.3385, 12.2151



49.7355, -13.3544, -116.7096

Rectangle

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



49.7341, 86.1964, -9.1530



49.7355, 61.7104, 29.4110



49.7355, -54.3385, 12.2151



49.7355, -45.1182, -62.6406

Sweetspot

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



49.7355, 86.1917, -9.1513



78.7351, 27.0504, -5.7857



34.5845, 73.9211, -139.5861



35.3062, 14.4459, -3.2283

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7355, 86.1917, -9.1513



48.4925, 87.6953, -4.7150



47.2530, 76.8985, 26.5732



42.6244, 2.7245, 0.5511



35.0964, 63.5476, -4.0188



11.0498, 20.1843, -2.6361

Inverse Universe

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



49.7355, 86.1917, -9.1513



48.4925, 87.6953, -4.7150



88.0969, -51.1421, 1.8575



42.6244, 2.7245, 0.5511



35.0964, 63.5476, -4.0188



11.0498, 20.1843, -2.6361

Previews

White Background



This preview shows how the HunterLab color 49.7341, 86.1964, -9.1530 looks on a white background.

Color Contrast Check

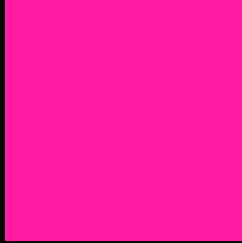
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7341, 86.1964, -9.1530 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 49.7341, 86.1964, -9.1530 Background



This preview shows how black text looks on a background with the HunterLab color 49.7341, 86.1964, -9.1530.



This preview shows how white text looks on a background with the HunterLab color 49.7341, 86.1964, -9.1530.

-9.1530.

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

49.7341, 86.1964, -9.1530

Protanopia

50.3038, 10.3941, -57.0573

Deuteranopia

49.8816, 3.5387, -4.5100



Tritanopia

49.7282, 64.7094, 24.6676

Trichromacy



Original Color

49.7341, 86.1964, -9.1530



Protanomaly

44.1709, 38.1122, -50.4944



Deuteranomaly

45.5797, 37.1744, -12.1766



Tritanomaly

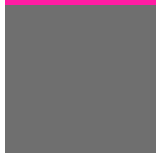
49.0458, 72.6879, 15.6621

Monochromacy



Original Color

49.7341, 86.1964, -9.1530



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

39.0936, 32.3842, -7.3733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7341, 86.1964, -9.1530 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(255, 28, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 163)  
}
```

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(255, 28, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7341, 86.1964, -9.1530 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(255, 28, 163) }
```


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

```
.border{ border-color:rgb(255, 28, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 28, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7341, 86.1964, -9.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 163) }
```

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

```
.background{ background-color: rgb(255, 28,  
163) }
```

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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