

Converting Colors

HunterLab(49.2165, 90.3161,
-14.8878)

Have a look what the booklet for
HunterLab(49.2165, 90.3161,
-14.8878) contains.

HunterLab(49.2327, 90.3622, -15.0839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.2327, 90.3622,
-15.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00AC
RGB	255, 0, 172
RGB Percent	100%, 0%, 67%
CMY	0.0000, 0.9998, 0.3255
CMYK	0.00, 1.00, 0.33, 0.00
HSL	320°, 100%, 50%
HSV	320°, 100%, 100%
XYZ	48.6864, 24.2386, 41.1422
YIQ	95.8530, 96.7680, 107.5520

Conversions

Conversions Part 2

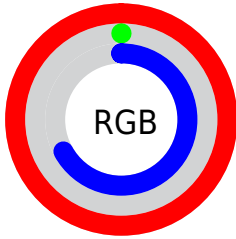
Format	Color
R_{YB}	255, 0, 172
Decimal	16711852
CIE _{Lab}	56.33, 88.31, -19.89
CIE _{LCh}	56, 90.520, 347.308
Yxy	24.2399, 0.4268, 0.2125
Android (android.graphics.Color)	4294901932 (0xFFFF00AC)
YUV	95.8530, 37.5405, 139.5719
Hunter-Lab	49.2327, 90.3622, -15.0839

Details

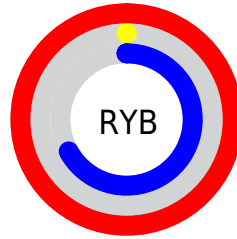
The HunterLab color **49.2327, 90.3622, -15.0839** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **84.9387, -70.2049, 45.3888**, and the grayscale version is **33.9982, -1.8141, 1.8472**.

A 20% lighter version of the original color is **60.0944, 72.3378, -33.4039**, and **35.4437, 64.5242, -6.7546** is the 20% darker color. If you saturate the color by 10%, you get **49.2319, 90.3595, -15.0733**, and if you desaturate by 10%, it is **50.2863, 89.0170, -18.5574**.

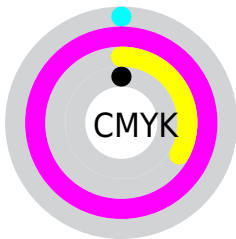
Distribution



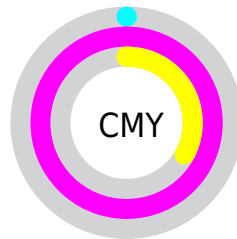
- Red (100%)
- Green (0%)
- Blue (67%)



- Red (100%)
- Yellow (0%)
- Blue (67%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2327, 90.3622, -15.0839 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 49.2327, 90.3622, -15.0839 by changing the saturation by 10% instead.

49.2327, 90.3622,
-15.0839

49.2327, 90.3622,
-15.0839

165.5389,
111.4836, -15.4294

39.3849, 87.8218,
-14.7474

71.0080, 95.5177,
-15.5531

30.2973, 85.4812,
-14.3472

82.8514, 98.0365,
-15.6946

22.0416, 83.6475,
-13.8926

95.2885, 100.4843,
-15.7780

14.7118, 83.0974,
-13.4257

108.2923,
102.8521, -15.8065

8.3693, 87.2804,
-13.3299

121.8391,
105.1360, -15.7833

0.0000, INF, -NF

0.0000, INF, NaN

135.9079,

107.3352, -15.7110

0.0000, NaN, NaN

150.4801,
109.4505, -15.5923

0.0000, NaN, NaN

■ 49.2327, 90.3622,
-15.0839

■ 49.2327, 90.3622,
-15.0839

■ 49.2319, 90.3595,
-15.0733

■ 50.2863, 89.0170,
-18.5574

■ 52.2398, 84.7879,
-20.7120

■ 55.2571, 77.5149,
-21.2120

■ 59.3234, 67.8195,
-20.1148

■ 64.3539, 56.5148,
-17.6667

70.2328, 44.3289,
-14.1753

76.8402, 31.7898,
-9.9240

84.0669, 19.2257,
-5.1368

91.8193, 6.8143,
0.0241

Harmonies

Analogous

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



49.2340, 63.0745, -71.1416



49.2327, 90.3622, -15.0839



49.2340, 87.8719, 19.1448

Triad

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



49.2340, 90.3575, -15.0821



49.2340, -22.4599, 33.5634



49.2340, -42.8898, -80.1629

Complementary

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



49.2327, 90.3622, -15.0839



84.9387, -70.2049, 45.3888

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.



49.2340, -54.6182, -22.6785



49.2327, 90.3622, -15.0839



49.2340, -45.5075, 30.3019

Square

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



49.2340, 90.3575, -15.0821



49.2340, 14.3985, 33.7223



49.2340, -55.4038, 15.5910



49.2340, -17.6181, -123.9475

Rectangle

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



49.2327, 90.3622, -15.0839



49.2340, 69.6378, 28.8808



49.2340, -55.4038, 15.5910



49.2340, -48.1659, -60.4339

Sweetspot

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



49.2340, 90.3575, -15.0821



76.8236, 31.8201, -9.9350



29.9357, 75.3720, -167.6121



34.2158, 17.1756, -5.4609

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.2340, 90.3575, -15.0821



49.2319, 90.3595, -15.0733



46.3303, 79.7741, 26.5305



42.6543, 2.8844, 0.1270



35.6278, 65.4612, -11.4543



11.2072, 20.7486, -4.8196

Inverse Universe

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



49.2340, 90.3575, -15.0821



49.2319, 90.3595, -15.0733



87.2281, -56.1057, 12.0911



42.6543, 2.8844, 0.1270



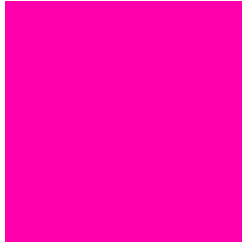
35.6278, 65.4612, -11.4543



11.2072, 20.7486, -4.8196

Previews

White Background



This preview shows how the HunterLab color 49.2327, 90.3622, -15.0839 looks on a white background.

Color Contrast Check

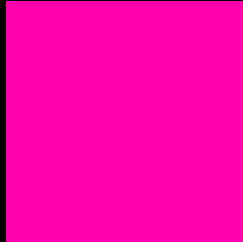
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2327, 90.3622, -15.0839 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 49.2327, 90.3622, -15.0839 Background



This preview shows how black text looks on a background with the HunterLab color 49.2327, 90.3622, -15.0839.



This preview shows how white text looks on a background with the HunterLab color 49.2327, 90.3622, -15.0839.

-15.0839.

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

49.2327, 90.3622, -15.0839

Protanopia

50.2222, 13.4122, -71.7495

Deuteranopia

49.7156, 3.5264, -8.9664



Tritanopia

49.5436, 64.3170, 24.5205

Trichromacy



Original Color

49.2327, 90.3622, -15.0839



Protanomaly

41.9895, 44.3225, -67.9807



Deuteranomaly

43.5902, 42.4928, -20.1677



Tritanomaly

48.2905, 75.7458, 13.6635

Monochromacy



Original Color

49.2327, 90.3622, -15.0839



Achromatopsia

34.2010, -1.8249, 1.8582



Achromatomaly

34.1508, 37.6289, -11.4035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2327, 90.3622, -15.0839 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, 0, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 172)  
}
```

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, 0, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2327, 90.3622, -15.0839 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, 0, 172) }
```


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

```
.border{ border-color:rgb(255, 0, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2327, 90.3622, -15.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 172) }
```

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

```
.background{ background-color: rgb(255, 0,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor