

Converting Colors

HunterLab(49.5354, 90.2503,
-16.6965)

Have a look what the booklet for
HunterLab(49.5354, 90.2503,
-16.6965) contains.

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Color

**HunterLab(49.5266, 90.1639,
-16.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	FF08AF
RGB	255, 8, 175
RGB Percent	100%, 3%, 69%
CMY	0.0000, 0.9684, 0.3137
CMYK	0.00, 0.97, 0.31, 0.00
HSL	319°, 100%, 52%
HSV	319°, 97%, 100%
XYZ	49.0648, 24.5288, 42.7060
YIQ	100.8910, 93.6050, 104.3010

Conversions

Conversions Part 2

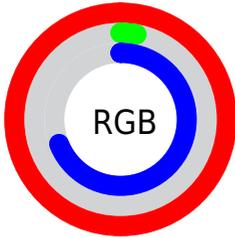
Format	Color
R_{YB}	255, 8, 175
Decimal	16713903
CIE _{Lab}	56.61, 88.10, -21.20
CIE _{LCh}	57, 90.617, 346.469
Yxy	24.5301, 0.4219, 0.2109
Android (android.graphics.Color)	4294903983 (0xFFFF08AF)
YUV	100.8910, 36.5357, 135.1536
Hunter-Lab	49.5266, 90.1639, -16.4562

Details

The HunterLab color **49.5266, 90.1639, -16.4562** 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 **85.0162, -69.7813, 44.7171**, and the grayscale version is **35.8885, -1.9149, 1.9499**.

A 20% lighter version of the original color is **60.6053, 72.1720, -35.3524**, and **35.6968, 65.0680, -7.4464** is the 20% darker color. If you saturate the color by 10%, you get **49.2479, 90.4168, -15.2953**, and if you desaturate by 10%, it is **50.8024, 88.0905, -19.6047**.

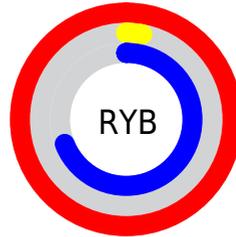
Distribution



Red (100%)

Green (3%)

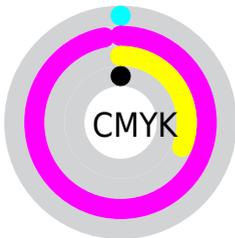
Blue (69%)



Red (100%)

Yellow (3%)

Blue (69%)

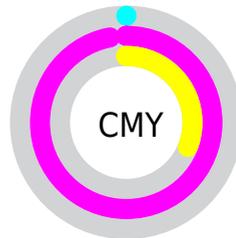


Cyan (0%)

Magenta (97%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (97%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5266, 90.1639, -16.4562 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 49.5266, 90.1639, -16.4562 by changing the saturation by 10% instead.

49.5266, 90.1639,
-16.4562

49.5266, 90.1639,
-16.4562

165.9789,
111.2264, -17.1588

39.6577, 87.6219,
-16.0819

71.3400, 95.3118,
-17.0057

30.5474, 85.2713,
-15.6481

83.2008, 97.8244,
-17.1880

22.2665, 83.4096,
-15.1685

95.6546, 100.2652,
-17.3120

14.9085, 82.7865,
-14.6957

108.6743,
102.6256, -17.3807

8.5574, 86.3956,
-14.5758

122.2364,
104.9019, -17.3972

0.0000, INF, -NF

0.0000, INF, NaN

136.3200,

107.0933, -17.3640

0.0000, NaN, NaN

150.9064,
109.2009, -17.2838

0.0000, NaN, NaN

■ 49.5266, 90.1639,
-16.4562

■ 49.5266, 90.1639,
-16.4562

■ 49.2479, 90.4168,
-15.2953

■ 50.8024, 88.0905,
-19.6047

■ 53.0837, 82.8629,
-21.2298

■ 56.4341, 74.7429,
-21.1868

■ 60.8122, 64.4499,
-19.6085

■ 66.1200, 52.7925,
-16.7741

72.2382, 40.4420,
-12.9912

79.0492, 27.8604,
-8.5270

86.4485, 15.3231,
-3.5856

94.3477, 2.9719,
1.6879

Harmonies

Analogous

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



49.5279, 62.1509, -72.9206



49.5266, 90.1639, -16.4562



49.5279, 88.5737, 18.6157

Triad

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



49.5279, 90.1592, -16.4544



49.5279, -21.6839, 33.7730



49.5279, -43.5552, -78.6716

Complementary

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



49.5266, 90.1639, -16.4562



85.0162, -69.7813, 44.7171

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.



49.5279, -55.0009, -21.3009



49.5266, 90.1639, -16.4562



49.5279, -45.2288, 30.6371

Square

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



49.5279, 90.1592, -16.4544



49.5279, 15.6137, 33.8737



49.5279, -55.5036, 16.3444



49.5279, -18.5909, -123.4456

Rectangle

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



49.5266, 90.1639, -16.4562



49.5279, 70.7717, 28.7549



49.5279, -55.5036, 16.3444



49.5279, -48.7326, -58.8695

Sweetspot

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



49.5279, 90.1592, -16.4544



77.5242, 30.5826, -9.5382



30.6361, 74.5636, -162.9113



34.5125, 16.6345, -5.3030

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5279, 90.1592, -16.4544



49.2479, 90.4168, -15.2953



46.5780, 79.3592, 25.7518



42.6549, 2.8876, 0.1185



35.6392, 65.5023, -11.6134



11.2105, 20.7605, -4.8657

Inverse Universe

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



49.5279, 90.1592, -16.4544



49.2479, 90.4168, -15.2953



87.2993, -55.7330, 11.5282



42.6549, 2.8876, 0.1185



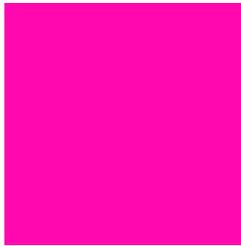
35.6392, 65.5023, -11.6134



11.2105, 20.7605, -4.8657

Previews

White Background



This preview shows how the HunterLab color 49.5266, 90.1639, -16.4562 looks on a white background.

Color Contrast Check

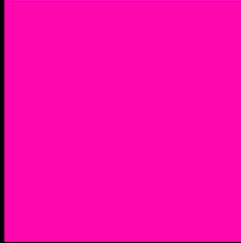
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5266, 90.1639, -16.4562 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 49.5266, 90.1639, -16.4562 Background



This preview shows how black text looks on a background with the HunterLab color 49.5266, 90.1639, -16.4562.



This preview shows how white text looks on a background with the HunterLab color 49.5266, 90.1639, -16.4562.

-16.4562.

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

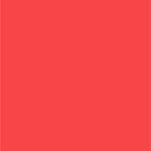
49.5266, 90.1639, -16.4562

Protanopia

50.2761, 13.9517, -74.4666

Deuteranopia

50.0129, 3.3194, -10.2019



Tritanopia

49.6796, 64.0011, 24.4159

Trichromacy



Original Color

49.5266, 90.1639, -16.4562



Protanomaly

42.5359, 43.0724, -69.3629



Deuteranomaly

44.1280, 41.2443, -21.2072



Tritanomaly

48.6276, 74.8018, 13.6332

Monochromacy



Original Color

49.5266, 90.1639, -16.4562



Achromatopsia

36.0744, -1.9248, 1.9600



Achromatomaly

35.6944, 36.5905, -11.2866

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5266, 90.1639, -16.4562 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, 8, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 175)  
}
```

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, 8, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5266, 90.1639, -16.4562 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, 8, 175) }
```

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

```
.border{ border-color:rgb(255, 8, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 8, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 8,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5266, 90.1639, -16.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 175) }
```

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

```
.background{ background-color: rgb(255, 8,  
175) }
```

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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