

Converting Colors

HunterLab(49.4490, 91.1378,
-18.0849)

Have a look what the booklet for
HunterLab(49.4490, 91.1378,
-18.0849) contains.

HunterLab(49.4311, 91.0738, -17.8374)	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(49.4311, 91.0738,
-17.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	FF00B1
RGB	255, 0, 177
RGB Percent	100%, 0%, 69%
CMY	0.0000, 0.9998, 0.3059
CMYK	0.00, 1.00, 0.31, 0.00
HSL	318°, 100%, 50%
HSV	318°, 100%, 100%
XYZ	49.1758, 24.4343, 43.7194
YIQ	96.4230, 95.1630, 109.1070

Conversions

Conversions Part 2

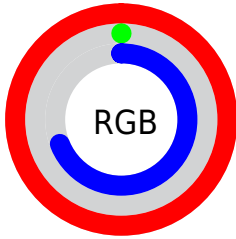
Format	Color
R_YB	255, 0, 177
Decimal	16711857
CIE _{Lab}	56.52, 88.81, -22.51
CIE _{LCh}	57, 91.616, 345.775
Yxy	24.4356, 0.4191, 0.2083
Android (android.graphics.Color)	4294901937 (0xFFFF00B1)
YUV	96.4230, 39.7245, 139.0720
Hunter-Lab	49.4311, 91.0738, -17.8374

Details

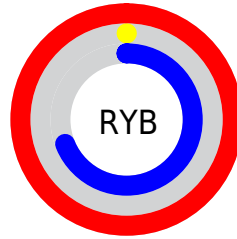
The HunterLab color **49.4311, 91.0738, -17.8374** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84.8948, -70.4794, 46.0363**, and the grayscale version is **34.2030, -1.8250, 1.8583**.

A 20% lighter version of the original color is **60.5359, 73.0442, -36.9235**, and **35.7669, 65.3204, -8.4270** is the 20% darker color. If you saturate the color by 10%, you get **49.4304, 91.0712, -17.8274**, and if you desaturate by 10%, it is **50.4716, 89.6942, -21.1192**.

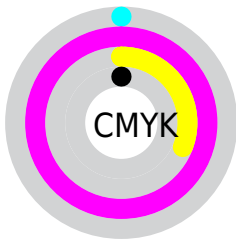
Distribution



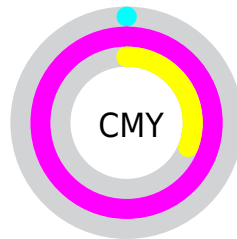
- Red (100%)
- Green (0%)
- Blue (69%)



- Red (100%)
- Yellow (0%)
- Blue (69%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4311, 91.0738, -17.8374 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 49.4311, 91.0738, -17.8374 by changing the saturation by 10% instead.

49.4311, 91.0738,
-17.8374

49.4311, 91.0738,
-17.8374

165.8359,
112.2854, -18.9050

39.5690, 88.5283,
-17.4254

71.2321, 96.2448,
-18.4684

30.4661, 86.1850,
-16.9591

83.0873, 98.7731,
-18.6923

22.1934, 84.3514,
-16.4582

95.5356, 101.2309,
-18.8578

14.8445, 83.8022,
-15.9891

108.5502,
103.6092, -18.9678

8.4968, 87.7249,
-15.9738

122.1073,
105.9040, -19.0249

0.0000, INF, -NF

0.0000, INF, NaN

136.1861,

108.1143, -19.0319

0.0000, NaN, NaN

150.7679,
110.2408, -18.9912

0.0000, NaN, NaN

■ 49.4311, 91.0738,
-17.8374

■ 49.4311, 91.0738,
-17.8374

■ 49.4304, 91.0712,
-17.8274

■ 50.4716, 89.6942,
-21.1192

■ 52.4075, 85.4259,
-23.0273

■ 55.4035, 78.1045,
-23.2365

■ 59.4464, 68.3478,
-21.8239

■ 64.4532, 56.9682,
-19.0543

70.3091, 44.6970,
-15.2489

76.8949, 32.0664,
-10.6995

84.1016, 19.4088,
-5.6337

91.8356, 6.9047,
-0.2146

Harmonies

Analogous

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



49.4324, 62.0782, -75.4972



49.4311, 91.0738, -17.8374



49.4324, 90.2187, 18.2148

Triad

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



49.4324, 91.0692, -17.8356



49.4324, -21.1328, 33.8241



49.4324, -44.2747, -78.5912

Complementary

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



49.4311, 91.0738, -17.8374



84.8948, -70.4794, 46.0363

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.



49.4324, -55.4698, -20.4311



49.4311, 91.0738, -17.8374



49.4324, -45.1617, 30.8723

Square

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



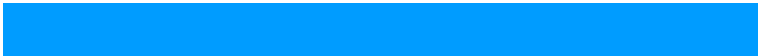
49.4324, 91.0692, -17.8356



49.4324, 16.8156, 33.8779



49.4324, -55.7353, 17.0103



49.4324, -19.4862, -125.0331

Rectangle

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



49.4311, 91.0738, -17.8374



49.4324, 72.5394, 28.6414



49.4324, -55.7353, 17.0103



49.4324, -49.3684, -58.3920

Sweetspot

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



49.4324, 91.0692, -17.8356



76.8787, 32.0962, -10.7109



29.6312, 75.0985, -169.7302



34.2455, 17.3214, -5.8770

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4324, 91.0692, -17.8356



49.4304, 91.0712, -17.8274



46.3689, 79.9173, 25.9596



42.6616, 2.9239, 0.0222



35.7701, 65.9712, -13.4268



11.2487, 20.8967, -5.3905

Inverse Universe

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



49.4324, 91.0692, -17.8356



49.4304, 91.0712, -17.8274



87.1095, -56.8258, 13.7939



42.6616, 2.9239, 0.0222



35.7701, 65.9712, -13.4268



11.2487, 20.8967, -5.3905

Previews

White Background



This preview shows how the HunterLab color 49.4311, 91.0738, -17.8374 looks on a white background.

Color Contrast Check

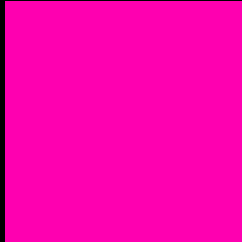
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4311, 91.0738, -17.8374 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 49.4311, 91.0738, -17.8374 Background



This preview shows how black text looks on a background with the HunterLab color 49.4311, 91.0738, -17.8374.



This preview shows how white text looks on a background with the HunterLab color 49.4311, 91.0738, -17.8374.

-17.8374.

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

49.4311, 91.0738, -17.8374

Protanopia

50.3387, 14.5234, -77.1993

Deuteranopia

50.0010, 3.4241, -11.3401



Tritanopia

49.8175, 63.6819, 24.3103

Trichromacy



Original Color

49.4311, 91.0738, -17.8374



Protanomaly

41.9475, 44.9900, -74.0491



Deuteranomaly

43.5262, 42.7590, -23.5613



Tritanomaly

48.5115, 75.5005, 12.8340

Monochromacy



Original Color

49.4311, 91.0738, -17.8374



Achromatopsia

34.2010, -1.8249, 1.8582



Achromatomaly

34.1880, 37.7897, -11.9196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4311, 91.0738, -17.8374 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4311, 91.0738, -17.8374 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, 177) }
```


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

```
.border{ border-color:rgb(255, 0, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4311, 91.0738, -17.8374 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, 177) }
```

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

```
.background{ background-color: rgb(255, 0,  
177) }
```

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