

# Converting Colors

HunterLab(47.8391, 54.8734,  
-18.9928)

Have a look what the booklet for  
HunterLab(47.8391, 54.8734,  
-18.9928) contains.

<b>HunterLab(47.7471, 54.8690, -19.3431)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(47.7471, 54.8690,  
-19.3431)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D153AE
RGB	209, 83, 174
RGB Percent	82%, 33%, 68%
CMY	0.1804, 0.6745, 0.3176
CMYK	0.00, 0.60, 0.17, 0.18
HSL	317°, 58%, 57%
HSV	317°, 60%, 82%
XYZ	37.0278, 22.7979, 42.4933
YIQ	131.0480, 45.8850, 55.0130

# Conversions

## Conversions Part 2

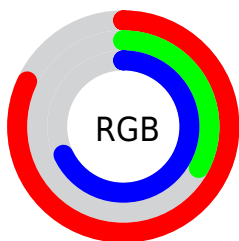
Format	Color
<a href="#">RYB</a>	<a href="#">209, 83, 174</a>
Decimal	<a href="#">13718446</a>
CIELab	<a href="#">54.86, 59.73, -23.98</a>
CIELCh	<a href="#">55, 64.358, 338.128</a>
Yxy	<a href="#">22.7990, 0.3619, 0.2228</a>
Android (android.graphics.Color)	<a href="#">4291908526</a> ( <a href="#">0xFFD153AE</a> )
YUV	<a href="#">131.0480, 21.1753, 68.3639</a>
Hunter-Lab	<a href="#">47.7471, 54.8690, -19.3431</a>

# Details

The HunterLab color **47.7471, 54.8690, -19.3431** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **69.8203, -46.4118, 27.6541**, and the grayscale version is **47.5677, -2.5381, 2.5844**.

A 20% lighter version of the original color is **67.4080, 53.5121, -23.3738**, and **28.9696, 50.5386, -18.2860** is the 20% darker color. If you saturate the color by 10%, you get **44.5496, 62.7125, -20.8808**, and if you desaturate by 10%, it is **51.6959, 45.7627, -16.7487**.

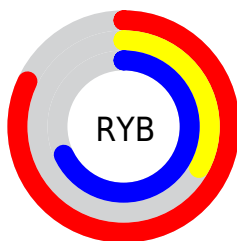
# Distribution



Red (82%)

Green (33%)

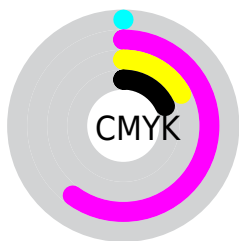
Blue (68%)



Red (82%)

Yellow (33%)

Blue (68%)

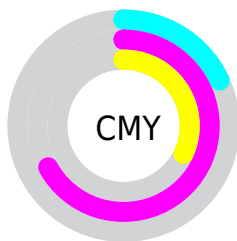


Cyan (0%)

Magenta (60%)

Yellow (17%)

Black (18%)



Cyan (18%)

Magenta (67%)

Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.7471, 54.8690, -19.3431 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 47.7471, 54.8690, -19.3431 by changing the saturation by 10% instead.





 47.7471, 54.8690,  
-19.3431


 47.7471, 54.8690,  
-19.3431


163.3067, 69.2174,  
-20.8833

 38.0068, 52.7959,  
-18.8839


 69.3275, 58.7287,  
-20.0800


 29.0360, 50.6714,  
-18.3798

 81.0815, 60.5067,  
-20.3582

 20.9091, 48.5872,  
-17.8634

 93.4335, 62.1842,  
-20.5778

 13.7248, 46.8136,  
-17.4351

 106.3560, 63.7652,  
-20.7411

 7.3386, 49.1535,  
-18.5548

119.8248, 65.2543,  
-20.8509

0.0000, INF, -NF

0.0000, NaN, NaN

133.8185, 66.6563,

-20.9096

0.0000, NaN, NaN

148.3182, 67.9759,  
-20.9196

0.0000, NaN, NaN

■ 47.7471, 54.8690,  
-19.3431

■ 47.7471, 54.8690,  
-19.3431

■ 44.5496, 62.7125,  
-20.8808

■ 51.6959, 45.7627,  
-16.7487

■ 42.1641, 68.6731,  
-21.1380

■ 56.3050, 35.9657,  
-13.3655


■ 40.6038, 72.2598,  
-20.0210


■ 61.4841, 25.8872,  
-9.4249


■ 39.7340, 73.6641,  
-17.8777


■ 67.1495, 15.7870,  
-5.1060

■ 73.2290, 5.8075,  
-0.5354

 79.6626, -3.9854,  
4.2020

 86.4014, -13.5721,  
9.0512

 93.4059, -22.9579,  
13.9773

 95.1737, -24.3578,  
13.2821

# Harmonies

## Analogous

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



47.7483, 33.3558, -53.7885



47.7471, 54.8690, -19.3431



47.7483, 59.4493, 8.9855

# Triad

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



47.7483, 54.8663, -19.3415



47.7483, -9.5760, 30.0457



47.7483, -36.5232, -38.3165

# Complementary

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



47.7471, 54.8690, -19.3431



69.8203, -46.4118, 27.6541

# 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.



47.7483, -43.4033, -4.8130



47.7471, 54.8690, -19.3431



47.7483, -30.2309, 27.2323

# Square

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



47.7483, 54.8663, -19.3415



47.7483, 18.0625, 29.3066



47.7483, -41.3838, 17.4177



47.7483, -20.1683, -68.3024



# Rectangle

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



47.7471, 54.8690, -19.3431



47.7483, 51.5187, 20.3324



47.7483, -41.3838, 17.4177



47.7483, -39.8371, -26.5393

# Sweetspot

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



47.7483, 54.8663, -19.3415



85.6363, 17.1580, -5.2271



38.1387, 35.6882, -69.6504



38.6118, 9.6516, -3.1817

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



47.7483, 54.8663, -19.3415



54.9336, 80.6892, -26.3928



45.7404, 46.1431, 8.9690



34.5698, 2.3159, -0.0593



31.2278, 57.9422, -14.4230



7.4723, 14.0147, -4.6151



# Inverse Universe

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



47.7483, 54.8663, -19.3415



54.9336, 80.6892, -26.3928



71.2178, -37.9943, 7.4475



34.5698, 2.3159, -0.0593



31.2278, 57.9422, -14.4230

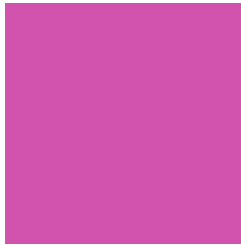


7.4723, 14.0147, -4.6151



# Previews

## White Background



This preview shows how the HunterLab color 47.7471, 54.8690, -19.3431 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

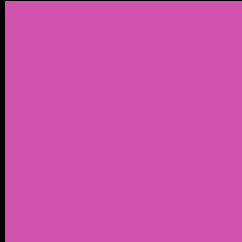
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 47.7471, 54.8690, -19.3431 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

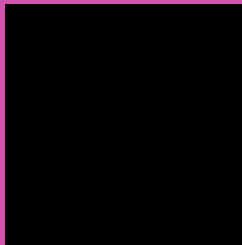
Any Text WCAG AA ✓ Pass

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 47.7471, 54.8690, -19.3431 Background



This preview shows how black text looks on a background with the HunterLab color 47.7471, 54.8690, -19.3431.



This preview shows how white text looks on a background with the HunterLab color 47.7471, 54.8690, -19.3431.



# 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

47.7471, 54.8690, -19.3431

### Protanopia

48.0836, 8.1036, -45.4123

### Deuteranopia

47.8813, 3.5523, -15.7038



## Tritanopia

47.6785, 34.7480, 12.6901

# Trichromacy



## Original Color

47.7471, 54.8690, -19.3431



## Protanomaly

46.0380, 22.9067, -39.2590



## Deuteranomaly

46.4312, 21.6222, -19.5732



## Tritanomaly

47.5639, 41.6440, 3.2712

# Monochromacy



## Original Color

47.7471, 54.8690, -19.3431



## Achromatopsia

47.6409, -2.5420, 2.5884



## Achromatomaly

46.3812, 17.2858, -6.4040

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.7471, 54.8690, -19.3431 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(209, 83, 174) looks like.

```
.text, #text, p{  
    color:rgb(209, 83, 174)  
}
```

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(209, 83, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 83, 174) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.7471, 54.8690, -19.3431 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(209, 83, 174) }
```



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

```
.border{ border-color:rgb(209, 83, 174) }
```

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

Here you see how a box with a 4 pixel rgb(209, 83, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 83, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 83, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 83,  
174) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.7471, 54.8690, -19.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 83, 174) }
```

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

```
.background{ background-color: rgb(209, 83,  
174) }
```

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