

Converting Colors

HunterLab(49.7578, 71.1680,
-1.6429)

Have a look what the booklet for
HunterLab(49.7578, 71.1680,
-1.6429) contains.

HunterLab(49.7472, 71.1256, -1.4922)	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(49.7472, 71.1256,
-1.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	F33F94
RGB	243, 63, 148
RGB Percent	95%, 25%, 58%
CMY	0.0471, 0.7529, 0.4196
CMYK	0.00, 0.74, 0.39, 0.05
HSL	332°, 88%, 60%
HSV	332°, 74%, 95%
XYZ	44.0850, 24.7478, 30.4703
YIQ	126.5100, 79.9950, 64.5950

Conversions

Conversions Part 2

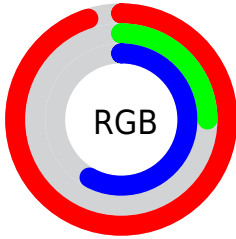
Format	Color
R _Y B	243, 63, 148
Decimal	15941524
CIE Lab	56.83, 73.12, -5.25
CIE LCh	57, 73.305, 355.893
Yxy	24.7492, 0.4439, 0.2492
Android (android.graphics.Color)	4294131604 (0xFF F33F94)
YUV	126.5100, 10.5946, 102.1617
Hunter-Lab	49.7472, 71.1256, -1.4922

Details

The HunterLab color **49.7472, 71.1256, -1.4922** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **82.2359, -56.4949, 26.3586**, and the grayscale version is **45.8167, -2.4447, 2.4893**.

A 20% lighter version of the original color is **63.3968, 55.8358, -12.2152**, and **32.9043, 59.0295, 0.4875** is the 20% darker color. If you saturate the color by 10%, you get **47.1605, 76.6784, 1.5043**, and if you desaturate by 10%, it is **53.3750, 63.1503, -3.3708**.

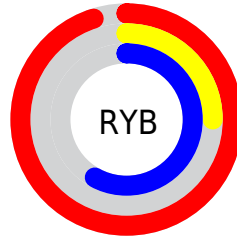
Distribution



Red (95%)

Green (25%)

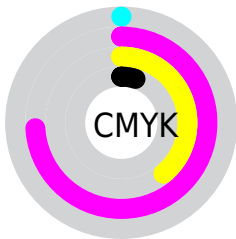
Blue (58%)



Red (95%)

Yellow (25%)

Blue (58%)

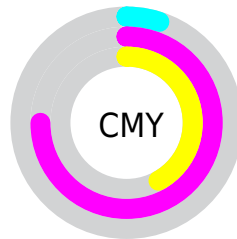


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (5%)



Cyan (5%)

Magenta (75%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7472, 71.1256, -1.4922 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 49.7472, 71.1256, -1.4922 by changing the saturation by 10% instead.

■ 49.7472, 71.1256,
-1.4922

■ 49.7472, 71.1256,
-1.4922

166.3089, 88.8060,
2.9166

■ 39.8626, 68.7683,
-1.7556

■ 71.5892, 75.6672,
-0.8015

■ 30.7353, 66.4422,
-1.9591

■ 83.4631, 77.8154,
-0.3862

■ 22.4357, 64.3051,
-2.0924

■ 95.9293, 79.8712,
0.0717

■ 15.0565, 62.7749,
-2.1434

■ 108.9610, 81.8341,
0.5694

■ 8.6957, 63.5473,
-2.1526

■ 122.5345, 83.7059,
1.1045

0.0000, INF, NaN

0.0000, INF, NaN

136.6291, 85.4896,

1.6752

0.0000, NaN, NaN

151.2262, 87.1884,
2.2798

0.0000, NaN, NaN

■ 49.7472, 71.1256,
-1.4922

■ 49.7472, 71.1256,
-1.4922

■ 47.1605, 76.6784,
1.5043

■ 53.3750, 63.1503,
-3.3708

■ 45.6002, 79.3588,
5.4003

■ 57.9656, 53.5155,
-4.1227


■ 45.0406, 79.8684,
7.9034


■ 63.4065, 42.9377,
-3.8655


■ 69.5756, 31.9552,
-2.7711

■ 76.3603, 20.9068,
-1.0108

 83.6644, 9.9769,
1.2698

 91.4092, -0.7510,
3.9557

 98.7497, -9.9961,
6.0717

 98.8912, -9.2146,
4.0531

Harmonies

Analogous

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



49.7486, 56.3761, -40.2822



49.7472, 71.1256, -1.4922



49.7486, 62.4909, 21.5408

Triad

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



49.7486, 71.1213, -1.4907



49.7486, -25.9344, 31.3859



49.7486, -31.6602, -70.0023

Complementary

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



49.7472, 71.1256, -1.4922



82.2359, -56.4949, 26.3586

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.



49.7486, -45.4572, -28.6488



49.7472, 71.1256, -1.4922



49.7486, -42.7587, 25.0495

Square

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



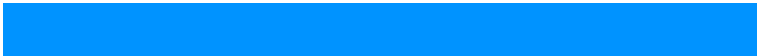
49.7486, 71.1213, -1.4907



49.7486, 1.6483, 32.4832



49.7486, -48.9631, 6.5698



49.7486, -6.8210, -92.4019

Rectangle

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



49.7472, 71.1256, -1.4922



49.7486, 45.5460, 28.5313



49.7486, -48.9631, 6.5698



49.7486, -37.4837, -56.9749

Sweetspot

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



49.7486, 71.1213, -1.4907



82.1696, 19.7461, -0.6227



41.3473, 64.3531, -94.9860



37.0731, 10.5970, -0.5638

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7486, 71.1213, -1.4907



48.8346, 82.8417, 3.6171



48.2820, 62.6800, 25.0715



40.7588, 2.3553, 1.1482



33.4078, 59.3157, 5.2782



10.0076, 17.9616, 0.0856

Inverse Universe

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



49.7486, 71.1213, -1.4907



48.8346, 82.8417, 3.6171



83.5755, -40.7733, -9.3695



40.7588, 2.3553, 1.1482



33.4078, 59.3157, 5.2782



10.0076, 17.9616, 0.0856

Previews

White Background



This preview shows how the HunterLab color 49.7472, 71.1256, -1.4922 looks on a white background.

Color Contrast Check

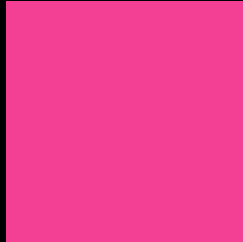
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7472, 71.1256, -1.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

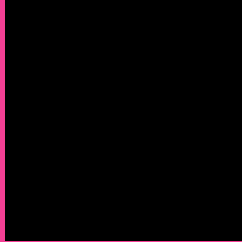
Any Text WCAG AA ✓ Pass

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 49.7472, 71.1256, -1.4922 Background



This preview shows how black text looks on a background with the HunterLab color 49.7472, 71.1256, -1.4922.



This preview shows how white text looks on a background with the HunterLab color 49.7472, 71.1256, -1.4922.

-1.4922.

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

49.7472, 71.1256, -1.4922

Protanopia

50.0745, 4.5981, -29.4958

Deuteranopia

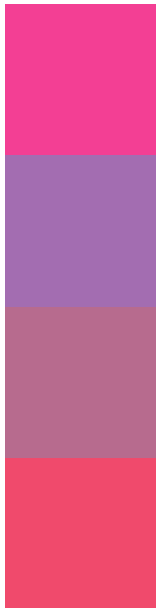
49.7556, 3.7136, 1.6174



Tritanopia

49.7433, 56.8630, 21.4033

Trichromacy



Original Color

49.7472, 71.1256, -1.4922

Protanomaly

46.7954, 26.8537, -23.3957

Deuteranomaly

47.4717, 28.4824, -2.2117

Tritanomaly

49.5031, 61.5361, 14.5886

Monochromacy



Original Color

49.7472, 71.1256, -1.4922

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

44.8162, 23.8760, -2.2909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7472, 71.1256, -1.4922 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(243, 63, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 63, 148)  
}
```

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(243, 63, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 63, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7472, 71.1256, -1.4922 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(243, 63, 148) }
```


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

```
.border{ border-color:rgb(243, 63, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 63, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 63, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 63, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 63,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7472, 71.1256, -1.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 63, 148) }
```

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

```
.background{ background-color: rgb(243, 63,  
148) }
```

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