

Converting Colors

HunterLab(49.0478, 71.7512,
-4.9510)

Have a look what the booklet for
HunterLab(49.0478, 71.7512,
-4.9510) contains.

HunterLab(49.0478, 71.7512, -4.9510)	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(49.0478, 71.7512,
-4.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	F03C99
RGB	240, 60, 153
RGB Percent	94%, 24%, 60%
CMY	0.0588, 0.7647, 0.4000
CMYK	0.00, 0.75, 0.36, 0.06
HSL	329°, 86%, 59%
HSV	329°, 75%, 94%
XYZ	43.3008, 24.0569, 32.4982
YIQ	124.4220, 77.4270, 67.0830

Conversions

Conversions Part 2

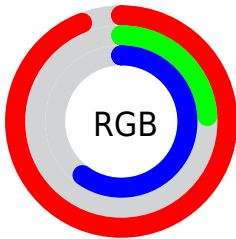
Format	Color
R _Y B	240, 60, 153
Decimal	15744153
CIE Lab	56.15, 73.76, -9.27
CIE LCh	56, 74.338, 352.837
Yxy	24.0582, 0.4336, 0.2409
Android (android.graphics.Color)	4293934233 (0xFFFF03C99)
YUV	124.4220, 14.0890, 101.3619
Hunter-Lab	49.0478, 71.7512, -4.9510

Details

The HunterLab color **49.0478, 71.7512, -4.9510** 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 **80.8630, -56.9836, 28.5867**, and the grayscale version is **44.9876, -2.4004, 2.4443**.

A 20% lighter version of the original color is **63.1909, 57.7313, -15.4387**, and **32.4700, 58.5602, -1.9203** is the 20% darker color. If you saturate the color by 10%, you get **46.6077, 77.0070, -2.1873**, and if you desaturate by 10%, it is **52.5071, 64.0215, -6.5058**.

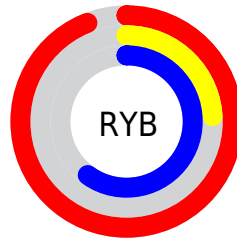
Distribution



Red (94%)

Green (24%)

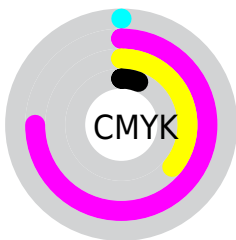
Blue (60%)



Red (94%)

Yellow (24%)

Blue (60%)

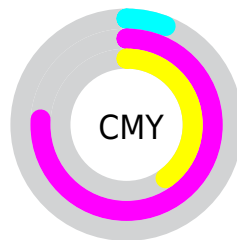


Cyan (0%)

Magenta (75%)

Yellow (36%)

Black (6%)



Cyan (6%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0478, 71.7512, -4.9510 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 49.0478, 71.7512, -4.9510 by changing the saturation by 10% instead.

49.0478, 71.7512,
-4.9510

49.0478, 71.7512,
-4.9510

165.2618, 89.6393,
-1.9723

39.2132, 69.3821,
-5.0201

70.7991, 76.3329,
-4.6220

30.1401, 67.0568,
-5.0193

82.6314, 78.5044,
-4.3761

21.9002, 64.9488,
-4.9378

95.0580, 80.5843,
-4.0812

14.5883, 63.5185,
-4.7654

108.0518, 82.5716,
-3.7405

8.2486, 65.2905,
-4.6788

121.5889, 84.4678,
-3.3569

0.0000, INF, -NF

0.0000, INF, NaN

135.6485, 86.2756,

-2.9330

0.0000, NaN, NaN

150.2117, 87.9983,
-2.4708

0.0000, NaN, NaN

■ 49.0478, 71.7512,
-4.9510

■ 49.0478, 71.7512,
-4.9510

■ 46.6077, 77.0070,
-2.1873

■ 52.5071, 64.0215,
-6.5058

■ 45.1606, 79.3976,
1.5840


■ 56.9171, 54.5536,
-6.8687


■ 44.6993, 79.8041,
3.6508


■ 62.1719, 44.0664,
-6.1837


■ 68.1532, 33.1148,
-4.6444

■ 74.7503, 22.0571,
-2.4369

 81.8677, 11.0935,
0.2837

 89.4266, 0.3188,
3.3978

 97.3631, -10.2350,
6.8161

 98.6232, -10.1589,
3.7173

Harmonies

Analogous

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



49.0491, 54.5743, -45.4944



49.0478, 71.7512, -4.9510



49.0491, 65.3872, 19.9877

Triad

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



49.0491, 71.7471, -4.9495



49.0491, -23.6991, 31.4638



49.0491, -33.7150, -67.5384

Complementary

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



49.0478, 71.7512, -4.9510



80.8630, -56.9836, 28.5867

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.



49.0491, -46.3926, -24.8688



49.0478, 71.7512, -4.9510



49.0491, -41.6937, 26.0731

Square

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



49.0491, 71.7471, -4.9495



49.0491, 5.0456, 32.1989



49.0491, -48.8983, 9.2342



49.0491, -9.8415, -93.6582

Rectangle

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



49.0478, 71.7512, -4.9510



49.0491, 49.2608, 27.7091



49.0491, -48.8983, 9.2342



49.0491, -39.1583, -53.7373

Sweetspot

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



49.0491, 71.7471, -4.9495



82.2531, 20.1792, -1.8091



39.6584, 62.8282, -97.7091



37.1168, 10.8211, -1.1828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.0491, 71.7471, -4.9495



48.9822, 84.2374, -0.3138



47.0290, 63.6344, 24.1622



39.8688, 2.3739, 0.9088



33.1128, 59.1938, 2.1171



9.6554, 17.4530, -0.8760

Inverse Universe

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



49.0491, 71.7471, -4.9495



48.9822, 84.2374, -0.3138



83.3041, -42.2649, -6.4328



39.8688, 2.3739, 0.9088



33.1128, 59.1938, 2.1171



9.6554, 17.4530, -0.8760

Previews

White Background



This preview shows how the HunterLab color 49.0478, 71.7512, -4.9510 looks on a white background.

Color Contrast Check

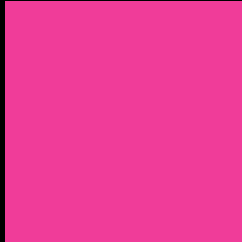
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0478, 71.7512, -4.9510 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 49.0478, 71.7512, -4.9510 Background



This preview shows how black text looks on a background with the HunterLab color 49.0478, 71.7512, -4.9510.



This preview shows how white text looks on a background with the HunterLab color 49.0478, 71.7512, -4.9510.

-4.9510.

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

49.0478, 71.7512, -4.9510

Protanopia

49.4814, 6.2275, -36.3543

Deuteranopia

49.1686, 3.4505, -1.4592



Tritanopia

49.0302, 55.1976, 21.0359

Trichromacy



Original Color

49.0478, 71.7512, -4.9510

Protanomaly

45.9779, 28.6461, -29.6441

Deuteranomaly

46.6834, 28.8390, -5.7870

Tritanomaly

48.8608, 60.8713, 13.6173

Monochromacy



Original Color

49.0478, 71.7512, -4.9510

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

43.7763, 24.3221, -3.6443

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0478, 71.7512, -4.9510 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(240, 60, 153)` looks like.

```
.text, #text, p{  
  color:rgb(240, 60, 153)  
}
```

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(240, 60, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 60, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0478, 71.7512, -4.9510 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(240, 60, 153) }
```


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

```
.border{ border-color:rgb(240, 60, 153) }
```

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

Here you see how a box with a 4 pixel rgb(240, 60, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 60, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 60, 153);  
box-shadow:4px 4px 4px 4px rgb(240, 60,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0478, 71.7512, -4.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 60, 153) }
```

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

```
.background{ background-color: rgb(240, 60,  
153) }
```

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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