

Converting Colors

HunterLab(51.2755, 74.2381,
7.5477)

Have a look what the booklet for
HunterLab(51.2755, 74.2381,
7.5477) contains.

HunterLab(51.2479, 74.2770, 7.6236)	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(51.2479, 74.2770,
7.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D84
RGB	255, 61, 132
RGB Percent	100%, 24%, 52%
CMY	0.0000, 0.7607, 0.4824
CMYK	0.00, 0.76, 0.48, 0.00
HSL	338°, 100%, 62%
HSV	338°, 76%, 100%
XYZ	47.0737, 26.2635, 24.4181
YIQ	127.1000, 92.8330, 63.2090

Conversions

Conversions Part 2

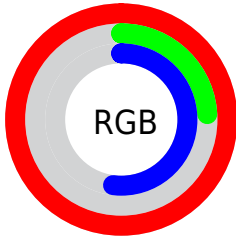
Format	Color
R_{YB}	255, 61, 132
Decimal	16727428
CIE _{Lab}	58.29, 75.39, 6.57
CIE _{LCh}	58, 75.676, 4.981
Yxy	26.2650, 0.4815, 0.2687
Android (android.graphics.Color)	4294917508 (0xFFFF3D84)
YUV	127.1000, 2.4157, 112.1683
Hunter-Lab	51.2479, 74.2770, 7.6236

Details

The HunterLab color **51.2479, 74.2770, 7.6236** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **87.1629, -57.6389, 21.8488**, and the grayscale version is **46.0758, -2.4585, 2.5034**.

A 20% lighter version of the original color is **62.7933, 53.0829, -3.7159**, and **34.3962, 60.7202, 8.1514** is the 20% darker color. If you saturate the color by 10%, you get **48.7335, 79.5369, 11.3820**, and if you desaturate by 10%, it is **54.9013, 66.3821, 4.6596**.

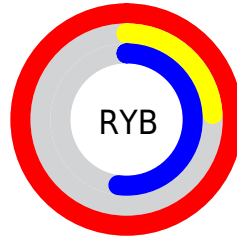
Distribution



Red (100%)

Green (24%)

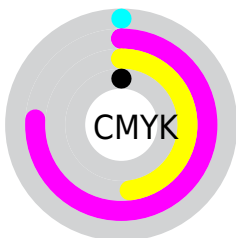
Blue (52%)



Red (100%)

Yellow (24%)

Blue (52%)

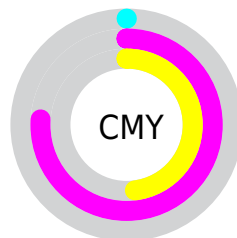


Cyan (0%)

Magenta (76%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (76%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 51.2479, 74.2770, 7.6236 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 51.2479, 74.2770, 7.6236 by changing the saturation by 10% instead.


 51.2479, 74.2770,
7.6236


 51.2479, 74.2770,
7.6236


168.5469, 92.3970,
16.5727


 41.2577, 71.8817,
6.7075


 73.2817, 78.9043,
9.4969


 32.0159, 69.5222,
5.7973


 85.2438, 81.0998,
10.4555


 23.5905, 67.3522,
4.8871

 97.7940, 83.2047,
11.4308

 16.0702, 65.7684,
3.9639

 110.9061, 85.2180,
12.4235

 9.5806, 65.9637,
3.3671

 124.5568, 87.1410,
13.4338

0.0000, INF, NaN

138.7257, 88.9764,

0.0000, INF, NaN

14.4620

0.0000, NaN, NaN

153.3946, 90.7273,
15.5083

0.0000, NaN, NaN

■ 51.2479, 74.2770,
7.6236

■ 51.2479, 74.2770,
7.6236

■ 48.7335, 79.5369,
11.3820

■ 54.9013, 66.3821,
4.6596

■ 47.3191, 81.7852,
15.5898

■ 59.6189, 56.6467,
2.6411

■ 46.9636, 82.1213,
17.2104

■ 65.2793, 45.8573,
1.5632

■ 71.7467, 34.6169,
1.3250

■ 78.8941, 23.3070,
1.7919

■ 86.6131, 12.1333,
2.8328

■ 94.8147, 1.1875,
4.3350

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



51.2494, 65.9438, -28.7250



51.2479, 74.2770, 7.6236



51.2494, 58.1852, 26.3080

Triad

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



51.2494, 74.2721, 7.6250



51.2494, -33.5080, 31.3317



51.2494, -26.2899, -83.8812

Complementary

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



51.2479, 74.2770, 7.6236



87.1629, -57.6389, 21.8488

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.



51.2494, -44.0982, -43.5059



51.2479, 74.2770, 7.6236



51.2494, -47.4909, 21.9099

Square

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



51.2494, 74.2721, 7.6250



51.2494, -7.9811, 33.5710



51.2494, -50.8272, -2.5681



51.2494, 2.7262, -96.7675

Rectangle

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



51.2479, 74.2770, 7.6236



51.2494, 37.6535, 31.3259



51.2494, -50.8272, -2.5681



51.2494, -33.5326, -72.2251

Sweetspot

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



51.2494, 74.2721, 7.6250



81.2096, 19.8532, 2.0563



45.5341, 74.9881, -93.8178



36.3144, 11.0644, 0.8101

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.2494, 74.2721, 7.6250



47.9068, 81.0191, 13.4265



53.2859, 59.1044, 28.9546



42.5405, 2.2742, 1.7458



33.9865, 59.5034, 11.8800



10.6996, 18.9139, 2.3361

Inverse Universe

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



51.2494, 74.2721, 7.6250



47.9068, 81.0191, 13.4265



80.2035, -33.4565, -21.1029



42.5405, 2.2742, 1.7458



33.9865, 59.5034, 11.8800



10.6996, 18.9139, 2.3361

Previews

White Background



This preview shows how the HunterLab color 51.2479, 74.2770, 7.6236 looks on a white background.

Color Contrast Check

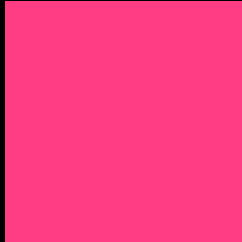
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2479, 74.2770, 7.6236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

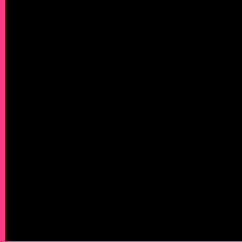
Any Text WCAG AA ✓ Pass

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 51.2479, 74.2770, 7.6236 Background



This preview shows how black text looks on a background with the HunterLab color 51.2479, 74.2770, 7.6236.



This preview shows how white text looks on a background with the HunterLab color 51.2479, 74.2770,

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

51.2479, 74.2770, 7.6236

Protanopia

51.4054, 1.8132, -15.6668

Deuteranopia

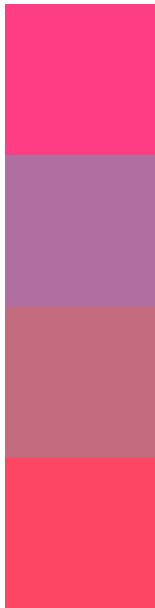
51.2168, 3.5517, 9.9290



Tritanopia

51.2617, 63.6314, 24.3647

Trichromacy



Original Color

51.2479, 74.2770, 7.6236

Protanomaly

48.1010, 26.9070, -10.8833

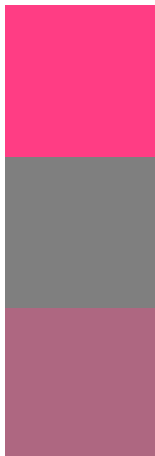
Deuteranomaly

48.8197, 30.2300, 6.6397

Tritanomaly

51.1320, 67.2730, 19.2861

Monochromacy



Original Color

51.2479, 74.2770, 7.6236

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.0379, 25.2933, 0.8539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2479, 74.2770, 7.6236 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, 61, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 132)  
}
```

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, 61, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2479, 74.2770, 7.6236 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, 61, 132) }
```


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

```
.border{ border-color:rgb(255, 61, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 61, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 61,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2479, 74.2770, 7.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 132) }
```

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

```
.background{ background-color: rgb(255, 61,  
132) }
```

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