

Converting Colors

HunterLab(52.1770, 79.0000,
18.7970)

Have a look what the booklet for
HunterLab(52.1770, 79.0000,
18.7970) contains.

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Color

**HunterLab(49.7146, 74.4519,
16.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3468
RGB	255, 52, 104
RGB Percent	100%, 20%, 41%
CMY	0.0000, 0.7960, 0.5922
CMYK	0.00, 0.80, 0.59, 0.00
HSL	345°, 100%, 60%
HSV	345°, 80%, 100%
XYZ	44.9666, 24.7154, 15.4972
YIQ	118.6250, 104.2960, 59.2080

Conversions

Conversions Part 2

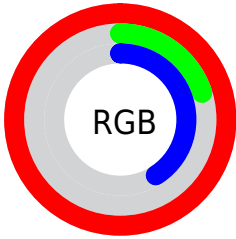
Format	Color
RYB	255, 52, 104
Decimal	16725096
CIELab	56.80, 75.82, 21.09
CIELCh	57, 78.696, 15.546
Yxy	24.7169, 0.5279, 0.2902
Android (android.graphics.Color)	4294915176 (0xFFFF3468)
YUV	118.6250, -7.2101, 119.6009
Hunter-Lab	49.7146, 74.4519, 16.3181

Details

The HunterLab color **49.7146, 74.4519, 16.3181** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **87.5001, -55.2904, 14.6580**, and the grayscale version is **42.8073, -2.2841, 2.3258**.

A 20% lighter version of the original color is **60.4842, 52.4387, 7.7901**, and **33.7370, 58.6811, 14.7810** is the 20% darker color. If you saturate the color by 10%, you get **47.6216, 78.8198, 20.0159**, and if you desaturate by 10%, it is **52.9808, 67.3291, 12.8658**.

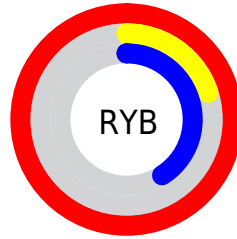
Distribution



Red (100%)

Green (20%)

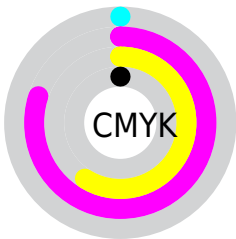
Blue (41%)



Red (100%)

Yellow (20%)

Blue (41%)

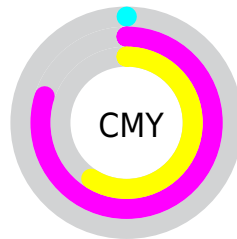


Cyan (0%)

Magenta (80%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.7146, 74.4519, 16.3181 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 49.7146, 74.4519, 16.3181 by changing the saturation by 10% instead.

 49.7146, 74.4519,
16.3181


 49.7146, 74.4519,
16.3181


166.2604, 92.7839,
31.4727


 39.8325, 72.0482,
14.4583


 71.5525, 79.1184,
19.8599


 30.7076, 69.7006,
12.5046


 83.4244, 81.3381,
21.5703


 22.4107, 67.5877,
10.4175

 95.8889, 83.4682,
23.2542

 15.0347, 66.1779,
8.3540

 108.9188, 85.5068,
24.9186

 8.6755, 67.3580,
6.0728

 122.4906, 87.4551,
26.5689

0.0000, INF, NaN

0.0000, INF, NaN

136.5836, 89.3153,

28.2092

0.0000, NaN, NaN

151.1791, 91.0905,
29.8429

0.0000, NaN, NaN

■ 49.7146, 74.4519,
16.3181

■ 49.7146, 74.4519,
16.3181

■ 47.6216, 78.8198,
20.0159

■ 52.9808, 67.3291,
12.8658

■ 46.5575, 80.4557,
23.5211

■ 57.3716, 58.1815,
9.9484

■ 46.5243, 80.5021,
23.6450

■ 62.7722, 47.8316,
7.7093

■ 69.0413, 36.9497,
6.1643

■ 76.0422, 25.9725,
5.2544

■ 83.6558, 15.1396,
4.8919

■ 91.7843, 4.5582,
4.9866

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



49.7161, 74.9296, -14.8434



49.7146, 74.4519, 16.3181



49.7161, 50.0523, 29.3897

Triad

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



49.7161, 74.4467, 16.3192



49.7161, -40.3294, 29.1376



49.7161, -17.5248, -98.4273

Complementary

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



49.7146, 74.4519, 16.3181



87.5001, -55.2904, 14.6580

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.



49.7161, -39.7507, -62.5489



49.7146, 74.4519, 16.3181



49.7161, -50.3922, 15.5394

Square

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



49.7161, 74.4467, 16.3192



49.7161, -18.5461, 32.8089



49.7161, -50.2125, -16.3444



49.7161, 15.5218, -97.6597

Rectangle

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



49.7146, 74.4519, 16.3181



49.7161, 26.4372, 32.2626



49.7161, -50.2125, -16.3444



49.7161, -26.2931, -89.5785

Sweetspot

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



49.7161, 74.4467, 16.3192



80.2381, 19.8781, 4.9899



46.9863, 82.3890, -88.9858



35.8772, 10.9870, 2.3776

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7161, 74.4467, 16.3192



46.8626, 80.0627, 22.3269



55.2302, 53.1724, 31.4737



42.5011, 2.0622, 2.3084



33.6606, 58.3031, 16.6482



10.5831, 18.4866, 4.0264

Inverse Universe

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



49.7161, 74.4467, 16.3192



46.8626, 80.0627, 22.3269



72.7223, -24.3343, -32.7474



42.5011, 2.0622, 2.3084



33.6606, 58.3031, 16.6482



10.5831, 18.4866, 4.0264

Previews

White Background



This preview shows how the HunterLab color 49.7146, 74.4519, 16.3181 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 49.7146, 74.4519, 16.3181 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 49.7146, 74.4519, 16.3181 Background



This preview shows how black text looks on a background with the HunterLab color 49.7146, 74.4519, 16.3181.



This preview shows how white text looks on a background with the HunterLab color 49.7146, 74.4519,

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

49.7146, 74.4519, 16.3181

Protanopia

49.9098, -1.2261, -0.1379

Deuteranopia

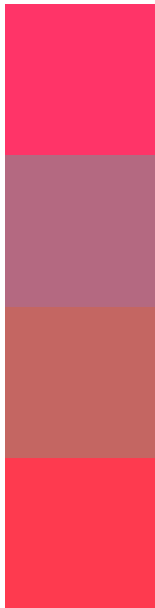
49.8270, 3.2258, 18.1588



Tritanopia

49.6971, 68.0360, 26.0275

Trichromacy



Original Color

49.7146, 74.4519, 16.3181

Protanomaly

46.2509, 26.4925, 2.3393

Deuteranomaly

47.0323, 30.4924, 14.9480

Tritanomaly

49.6603, 70.5207, 23.0035

Monochromacy



Original Color

49.7146, 74.4519, 16.3181

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.1001, 25.0209, 3.9602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7146, 74.4519, 16.3181 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, 52, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 52, 104)  
}
```

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, 52, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 52, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7146, 74.4519, 16.3181 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, 52, 104) }
```


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

```
.border{ border-color:rgb(255, 52, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 52, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 52, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 52, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 52,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7146, 74.4519, 16.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 52, 104) }
```

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

```
.background{ background-color: rgb(255, 52,  
104) }
```

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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