

Converting Colors

HunterLab(47.7315, 39.4954,
-18.5918)

Have a look what the booklet for
HunterLab(47.7315, 39.4954,
-18.5918) contains.

HunterLab(47.6666, 39.7654, -18.4789)	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(47.6666, 39.7654,
-18.4789)**

Conversions

Conversions Part 1

Format	Color
Hex	BD63AC
RGB	189, 99, 172
RGB Percent	74%, 39%, 67%
CMY	0.2588, 0.6117, 0.3255
CMYK	0.00, 0.48, 0.09, 0.26
HSL	311°, 41%, 56%
HSV	311°, 48%, 74%
XYZ	32.8945, 22.7210, 41.6816
YIQ	134.2320, 30.2070, 41.7830

Conversions

Conversions Part 2

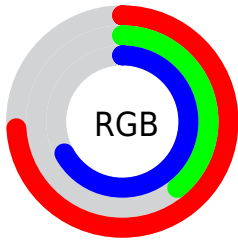
Format	Color
RYB	189, 99, 172
Decimal	12411820
CIELab	54.78, 45.94, -23.18
CIELCh	55, 51.457, 333.230
Yxy	22.7221, 0.3381, 0.2335
Android (android.graphics.Color)	4290601900 (0xFFBD63AC)
YUV	134.2320, 18.6196, 48.0315
Hunter-Lab	47.6666, 39.7654, -18.4789

Details

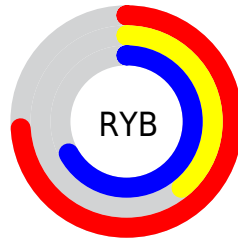
The HunterLab color $47.6666, 39.7654, -18.4789$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $63.4898, -36.6127, 23.0497$, and the grayscale version is $48.8391, -2.6059, 2.6535$.

A 20% lighter version of the original color is $69.1607, 43.0899, -19.5523$, and $29.0401, 36.3262, -17.1023$ is the 20% darker color. If you saturate the color by 10%, you get $44.0622, 48.3567, -22.1344$, and if you desaturate by 10%, it is $51.8373, 30.6593, -14.2467$.

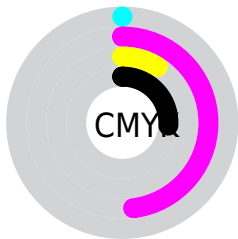
Distribution



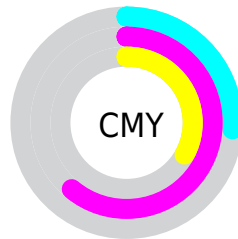
- Red (74%)
- Green (39%)
- Blue (67%)



- Red (74%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (48%)
- Yellow (9%)
- Black (26%)



- Cyan (26%)
- Magenta (61%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6666, 39.7654, -18.4789 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 47.6666, 39.7654, -18.4789 by changing the saturation by 10% instead.

47.6666, 39.7654,
-18.4789

47.6666, 39.7654,
-18.4789

163.1853, 50.0739,
-19.8111

37.9321, 38.1108,
-18.0395

69.2363, 42.7222,
-19.1712

28.9678, 36.3454,
-17.5508

80.9853, 44.0389,
-19.4259

20.8479, 34.4952,
-17.0413

93.3327, 45.2564,
-19.6218

13.6716, 32.6660,
-16.6012

106.2508, 46.3815,
-19.7615

7.2782, 33.6900,
-17.6915

119.7153, 47.4204,
-19.8477

0.0000, INF, -NF

0.0000, NaN, NaN

133.7049, 48.3788,

-19.8832

0.0000, NaN, NaN

148.2006, 49.2618,
-19.8702

0.0000, NaN, NaN

■ 47.6666, 39.7654,
-18.4789

■ 47.6666, 39.7654,
-18.4789

■ 44.0622, 48.3567,
-22.1344

■ 51.8373, 30.6593,
-14.2467

■ 41.0972, 55.9699,
-24.9553

■ 56.4936, 21.3780,
-9.6521

■ 38.8330, 62.0524,
-26.6706

■ 61.5661, 12.1251,
-4.8428

■ 37.2919, 66.1225,
-27.0916

■ 66.9944, 3.0110,
0.0833

■ 36.4071, 68.0799,
-26.2676

■ 72.7282, -5.9158,
5.0665

■ 36.2336, 68.4256,
-26.0009

■ 78.7261, -14.6436,
10.0718

■ 84.9545, -23.1806,
15.0805

■ 91.3862, -31.5444,
20.0836

■ 93.1155, -33.2468,
20.3675

Harmonies

Analogous

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



47.6677, 22.0132, -42.7977



47.6666, 39.7654, -18.4789



47.6677, 45.5721, 4.7360

Triad

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



47.6677, 39.7634, -18.4775



47.6677, -4.8295, 27.3930



47.6677, -32.1715, -24.0436

Complementary

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



47.6666, 39.7654, -18.4789



63.4898, -36.6127, 23.0497

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.



47.6677, -36.9061, 0.3492



47.6666, 39.7654, -18.4789



47.6677, -22.9604, 25.0207

Square

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



47.6677, 39.7634, -18.4775



47.6677, 17.3195, 25.9063



47.6677, -33.8535, 17.0079



47.6677, -19.6114, -46.8812

Rectangle

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



47.6666, 39.7654, -18.4789



47.6677, 41.1832, 15.5355



47.6677, -33.8535, 17.0079



47.6677, -34.6204, -15.4524

Sweetspot

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



47.6677, 39.7634, -18.4775



84.8075, 12.0632, -4.2570



40.3458, 21.3502, -45.5159



38.6119, 6.8221, -2.6316



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



47.6677, 39.7634, -18.4775



58.8376, 65.0376, -29.7513



46.1400, 32.6549, 2.9801



31.0878, 2.1563, -0.3658



29.7388, 56.1899, -21.5685



5.9544, 11.3627, -5.1886

Inverse Universe

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



47.6677, 39.7634, -18.4775



58.8376, 65.0376, -29.7513



64.5013, -30.5943, 8.4270



31.0878, 2.1563, -0.3658



29.7388, 56.1899, -21.5685



5.9544, 11.3627, -5.1886

Previews

White Background



This preview shows how the HunterLab color 47.6666, 39.7654, -18.4789 looks on a white background.

Color Contrast Check

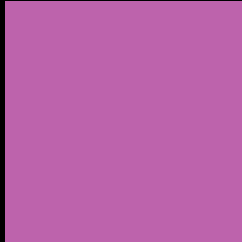
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6666, 39.7654, -18.4789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

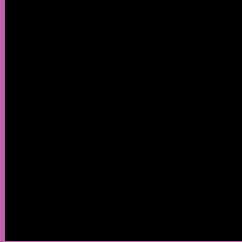
Any Text WCAG AA ✓ Pass

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 47.6666, 39.7654, -18.4789 Background



This preview shows how black text looks on a background with the HunterLab color 47.6666, 39.7654, -18.4789.



This preview shows how white text looks on a background with the HunterLab color 47.6666, 39.7654, -18.4789.

-18.4789.

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

47.6666, 39.7654, -18.4789

Protanopia

47.8928, 6.0872, -35.0346

Deuteranopia

47.8813, 3.5523, -15.7038



Tritanopia

47.7159, 23.2721, 8.1236

Trichromacy



Original Color

47.6666, 39.7654, -18.4789

Protanomaly

46.8487, 16.8090, -30.3366

Deuteranomaly

47.1285, 16.1303, -17.8995

Tritanomaly

47.6074, 28.6173, -0.1087

Monochromacy



Original Color

47.6666, 39.7654, -18.4789

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

47.6266, 12.2593, -5.3163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6666, 39.7654, -18.4789 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(189, 99, 172)` looks like.

```
.text, #text, p{  
    color:rgb(189, 99, 172)  
}
```

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(189, 99, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 99, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6666, 39.7654, -18.4789 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(189, 99, 172) }
```


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

```
.border{ border-color:rgb(189, 99, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 99, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 99, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 99, 172);  
box-shadow:4px 4px 4px 4px rgb(189, 99,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6666, 39.7654, -18.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 99, 172) }
```

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

```
.background{ background-color: rgb(189, 99,  
172) }
```

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