

Converting Colors

HunterLab(48.5609, 17.2448,
-19.9243)

Have a look what the booklet for
HunterLab(48.5609, 17.2448,
-19.9243) contains.

HunterLab(48.5609, 17.2448, -19.9243)	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(48.5609, 17.2448,
-19.9243)**

Conversions

Conversions Part 1

Format	Color
Hex	9979B0
RGB	153, 121, 176
RGB Percent	60%, 47%, 69%
CMY	0.4000, 0.5255, 0.3098
CMYK	0.13, 0.31, 0.00, 0.31
HSL	275°, 26%, 58%
HSV	275°, 31%, 69%
XYZ	27.8107, 23.5816, 44.1601
YIQ	136.8380, 1.4170, 23.8890

Conversions

Conversions Part 2

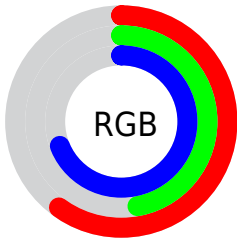
Format	Color
RYB	153, 121, 176
Decimal	10058160
CIELab	55.67, 23.03, -24.48
CIELCh	56, 33.611, 313.257
Yxy	23.5826, 0.2911, 0.2468
Android (android.graphics.Color)	4288248240 (0xFF9979B0)
YUV	136.8380, 19.3069, 14.1741
Hunter-Lab	48.5609, 17.2448, -19.9243

Details

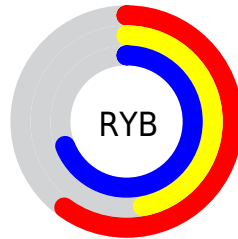
The HunterLab color $48.5609, 17.2448, -19.9243$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $61.9362, -20.5484, 20.4878$, and the grayscale version is $49.8777, -2.6614, 2.7100$.

A 20% lighter version of the original color is $70.3621, 18.2060, -20.6551$, and $29.7178, 15.6230, -18.8004$ is the 20% darker color. If you saturate the color by 10%, you get $43.5818, 24.1491, -28.6015$, and if you desaturate by 10%, it is $53.8480, 10.4548, -11.8618$.

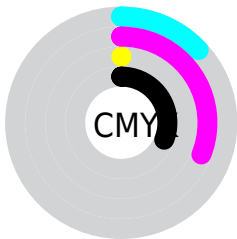
Distribution



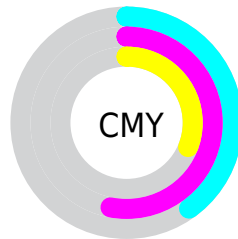
- Red (60%)
- Green (47%)
- Blue (69%)



- Red (60%)
- Yellow (47%)
- Blue (69%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5609, 17.2448, -19.9243 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 48.5609, 17.2448, -19.9243 by changing the saturation by 10% instead.

■ 48.5609, 17.2448,
-19.9243

■ 48.5609, 17.2448,
-19.9243

164.5307, 19.8167,
-21.5572

■ 38.7612, 16.5490,
-19.4576

■ 70.2483, 18.3293,
-20.6800

■ 29.7261, 15.7343,
-18.9470

■ 82.0514, 18.7416,
-20.9682

■ 21.5282, 14.7815,
-18.4253

■ 94.4502, 19.0780,
-21.1982

■ 14.2637, 13.6721,
-17.9911

107.4174, 19.3451,
-21.3721

■ 7.9210, 13.1808,
-18.5434

120.9290, 19.5481,
-21.4925

0.0000, INF, -NF

0.0000, NaN, NaN

134.9640, 19.6919,

-21.5620

0.0000, NaN, NaN

149.5036, 19.7803,
-21.5828

0.0000, NaN, NaN

■ 48.5609, 17.2448,
-19.9243

■ 48.5609, 17.2448,
-19.9243

■ 43.5818, 24.1491,
-28.6015

■ 53.8480, 10.4548,
-11.8618

■ 38.9693, 31.0932,
-37.9360

■ 59.3921, 3.8046,
-4.3403

■ 34.8030, 37.8965,
-47.8654

■ 65.1569, -2.7111,
2.7258

■ 31.1772, 44.2133,
-58.1267

■ 71.1136, -9.1076,
9.4150

■ 28.1945, 49.4850,
-68.1359

■ 77.2392, -15.4041,
15.7953

■ 25.9401, 53.0081,
-76.9700

■ 83.5155, -21.6192,
21.9234

■ 24.4598, 54.7031,
-83.5343

■ 89.9277, -27.7701,
27.8461

■ 94.1457, -30.6816,
31.6075

■ 94.7377, -28.4687,
32.1727

Harmonies

Analogous

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



48.5619, 3.7286, -29.4326



48.5609, 17.2448, -19.9243



48.5619, 25.9360, -5.3192

Triad

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



48.5619, 17.2437, -19.9231



48.5619, 5.3991, 21.3144



48.5619, -26.0960, -3.5968

Complementary

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



48.5609, 17.2448, -19.9243



61.9362, -20.5484, 20.4878

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.



48.5619, -25.7569, 9.4508



48.5609, 17.2448, -19.9243



48.5619, -8.6083, 21.5334

Square

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



48.5619, 17.2437, -19.9231



48.5619, 18.5854, 17.1097



48.5619, -19.6830, 17.8278



48.5619, -20.6688, -18.3588

Rectangle

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



48.5609, 17.2448, -19.9243



48.5619, 27.2785, 4.0745



48.5619, -19.6830, 17.8278



48.5619, -26.6325, 1.1673

Sweetspot

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



48.5619, 17.2437, -19.9231



81.5847, 3.2746, -3.8085



52.3453, -3.5487, -14.3312



37.4714, 2.1109, -2.4181



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.5619, 17.2437, -19.9231



61.0551, 29.1600, -34.2092



50.8892, 23.9626, -13.8918



29.0966, 1.2243, -1.4204



21.0348, 46.9562, -71.1624



4.1540, 8.8558, -10.8196

Inverse Universe

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



49.9193, 19.1155, -0.2450



63.3749, 32.1277, -0.8306



60.4883, -25.9074, 17.9096



29.2613, 1.4914, 1.0380



26.7250, 47.1517, 6.5382



4.8629, 8.8088, -0.5862

Previews

White Background



This preview shows how the HunterLab color 48.5609, 17.2448, -19.9243 looks on a white background.

Color Contrast Check

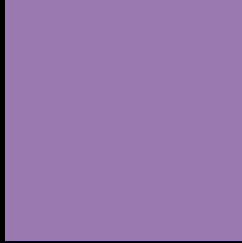
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5609, 17.2448, -19.9243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

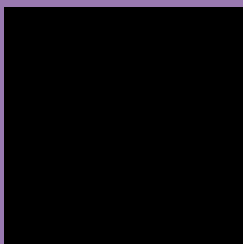
Any Text WCAG AA ✓ Pass

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 48.5609, 17.2448, -19.9243 Background



This preview shows how black text looks on a background with the HunterLab color 48.5609, 17.2448, -19.9243.



This preview shows how white text looks on a background with the HunterLab color 48.5609, 17.2448, -19.9243.

-19.9243.

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

48.5609, 17.2448, -19.9243

Protanopia

48.8004, 3.7543, -24.9585

Deuteranopia

48.6298, 3.7765, -18.7910



Tritanopia

48.4524, 4.8747, 0.5185

Trichromacy



Original Color

48.5609, 17.2448, -19.9243

Protanomaly

48.5797, 8.3873, -23.2727

Deuteranomaly

48.3992, 8.6796, -19.7084

Tritanomaly

48.2947, 9.3476, -6.5463

Monochromacy



Original Color

48.5609, 17.2448, -19.9243

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

49.3017, 4.3443, -4.7542

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5609, 17.2448, -19.9243 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(153, 121, 176)` looks like.

```
.text, #text, p{  
    color:rgb(153, 121, 176)  
}
```

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(153, 121, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 121, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5609, 17.2448, -19.9243 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(153, 121, 176) }
```


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

```
.border{ border-color:rgb(153, 121, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 121, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 121, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 121, 176);  
box-shadow:4px 4px 4px 4px rgb(153, 121,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5609, 17.2448, -19.9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 121, 176) }
```

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

```
.background{ background-color: rgb(153,  
121, 176) }
```

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