

Converting Colors

HunterLab(48.8315, 25.8042,
-19.3648)

Have a look what the booklet for
HunterLab(48.8315, 25.8042,
-19.3648) contains.

HunterLab(48.9307, 25.7992, -19.1678)	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(48.9307, 25.7992,
-19.1678)**

Conversions

Conversions Part 1

Format	Color
Hex	AA73B0
RGB	170, 115, 176
RGB Percent	67%, 45%, 69%
CMY	0.3333, 0.5490, 0.3098
CMYK	0.03, 0.35, 0.00, 0.31
HSL	294°, 28%, 57%
HSV	294°, 35%, 69%
XYZ	30.5448, 23.9421, 44.0857
YIQ	138.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

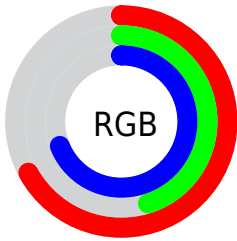
Format	Color
R _Y B	170, 115, 176
Decimal	11170736
CIE Lab	56.03, 32.01, -23.77
CIE LCh	56, 39.867, 323.401
Yxy	23.9432, 0.3099, 0.2429
Android (android.graphics.Color)	4289360816 (0xFFAA73B0)
YUV	138.3990, 18.5373, 27.7141
Hunter-Lab	48.9307, 25.7992, -19.1678

Details

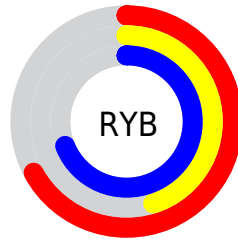
The HunterLab color **48.9307, 25.7992, -19.1678** is a light color, and the websafe version is hex **996699**. A complement of this color would be **60.2943, -27.0451, 20.7290**, and the grayscale version is **50.4982, -2.6945, 2.7437**.

A 20% lighter version of the original color is **70.7108, 27.5467, -19.9593**, and **29.9876, 23.7225, -18.1561** is the 20% darker color. If you saturate the color by 10%, you get **44.8479, 34.3712, -26.0649**, and if you desaturate by 10%, it is **53.4246, 17.1814, -12.3635**.

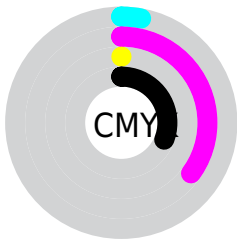
Distribution



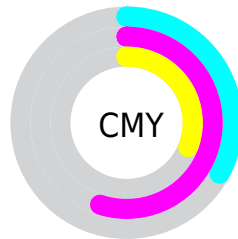
- Red (67%)
- Green (45%)
- Blue (69%)



- Red (67%)
- Yellow (45%)
- Blue (69%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (31%)



- Cyan (33%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9307, 25.7992, -19.1678 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 48.9307, 25.7992, -19.1678 by changing the saturation by 10% instead.

48.9307, 25.7992,
-19.1678

48.9307, 25.7992,
-19.1678

165.0858, 31.4802,
-20.5967

39.1043, 24.7022,
-18.7204

70.6664, 27.6500,
-19.8790

30.0403, 23.4779,
-18.2248

82.4917, 28.4276,
-20.1441

21.8105, 22.1154,
-17.7086

94.9116, 29.1180,
-20.3507

14.5099, 20.6209,
-17.2573

107.8990, 29.7284,
-20.5015

8.1710, 19.6992,
-17.5372

121.4300, 30.2648,
-20.5990

0.0000, INF, -NF

0.0000, NaN, NaN

135.4837, 30.7326,

-20.6458

0.0000, NaN, NaN

150.0412, 31.1364,
-20.6443

0.0000, NaN, NaN

■ 48.9307, 25.7992,
-19.1678

■ 48.9307, 25.7992,
-19.1678

■ 44.8479, 34.3712,
-26.0649

■ 53.4246, 17.1814,
-12.3635

■ 41.2415, 42.6536,
-32.8906

■ 58.2663, 8.6629,
-5.7412

■ 38.1849, 50.2639,
-39.3678

■ 63.4067, 0.3101,
0.6685

■ 35.7435, 56.7033,
-45.1156

■ 68.8043, -7.8539,
6.8645

■ 33.9584, 61.4516,
-49.7140

■ 74.4254, -15.8307,
12.8618

■ 32.8218, 64.1600,
-52.8503

■ 80.2426, -23.6348,
18.6819

■ 32.3634, 65.1087,
-54.1672

■ 86.2336, -31.2857,
24.3481

■ 92.1013, -38.4427,
29.6376

■ 92.2179, -37.9950,
29.7507

Harmonies

Analogous

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



48.9318, 10.7462, -34.2879



48.9307, 25.7992, -19.1678



48.9318, 33.3780, -0.9631

Triad

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



48.9318, 25.7978, -19.1665



48.9318, 1.1161, 24.2707



48.9318, -28.6396, -11.0244

Complementary

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



48.9307, 25.7992, -19.1678



60.2943, -27.0451, 20.7290

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.



48.9318, -30.5010, 6.0321



48.9307, 25.7992, -19.1678



48.9318, -14.6777, 23.1649

Square

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



48.9318, 25.7978, -19.1665



48.9318, 17.9497, 21.3328



48.9318, -25.7316, 17.5509



48.9318, -20.2574, -28.5940

Rectangle

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



48.9307, 25.7992, -19.1678



48.9318, 32.5424, 9.2024



48.9318, -25.7316, 17.5509



48.9318, -29.9980, -4.9245

Sweetspot

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



48.9318, 25.7978, -19.1665



81.5251, 6.5942, -3.8267



45.2545, 6.6232, -25.8123



37.5134, 3.7892, -2.3342



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.



48.9318, 25.7978, -19.1665



61.4076, 44.0871, -33.3154



48.7304, 23.4062, -5.4980



29.3316, 2.0162, -1.1065



27.7472, 55.8064, -46.3219



5.0441, 10.0727, -7.8614

Inverse Universe

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



47.8258, 18.8952, 7.3743



59.5956, 32.8946, 11.6066



60.4747, -25.2924, 12.7224



29.1863, 1.0876, 2.1085



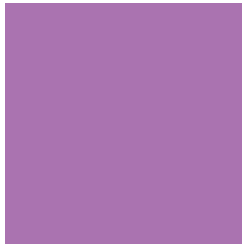
26.0901, 44.8128, 15.8300



4.6753, 8.1241, 2.1097

Previews

White Background



This preview shows how the HunterLab color 48.9307, 25.7992, -19.1678 looks on a white background.

Color Contrast Check

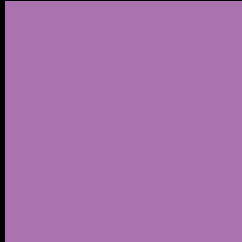
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.9307, 25.7992, -19.1678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

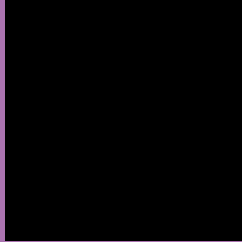
Any Text WCAG AA ✓ Pass

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 48.9307, 25.7992, -19.1678 Background



This preview shows how black text looks on a background with the HunterLab color 48.9307, 25.7992, -19.1678.



This preview shows how white text looks on a background with the HunterLab color 48.9307, 25.7992, -19.1678.

-19.1678.

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

48.9307, 25.7992, -19.1678

Protanopia

49.2251, 4.1810, -27.5825

Deuteranopia

49.1008, 3.8537, -17.4162



Tritanopia

48.9911, 11.7339, 3.5384

Trichromacy



Original Color

48.9307, 25.7992, -19.1678

Protanomaly

48.5970, 11.4319, -25.1801

Deuteranomaly

48.8030, 11.2587, -18.3800

Tritanomaly

48.9404, 16.4349, -4.0021

Monochromacy



Original Color

48.9307, 25.7992, -19.1678

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

49.7155, 7.1670, -4.6668

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9307, 25.7992, -19.1678 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(170, 115, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 115, 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(170, 115, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 115, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9307, 25.7992, -19.1678 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(170, 115, 176) }
```


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

```
.border{ border-color:rgb(170, 115, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 115, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 115, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 115, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 115,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9307, 25.7992, -19.1678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 115, 176) }
```

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

```
.background{ background-color: rgb(170,  
115, 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