

Converting Colors

HunterLab(19.4695, 45.1546,
-78.9878)

Have a look what the booklet for
HunterLab(19.4695, 45.1546,
-78.9878) contains.

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Color

**HunterLab(19.4827, 45.1693,
-78.9173)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0099
RGB	75, 0, 153
RGB Percent	29%, 0%, 60%
CMY	0.7059, 1.0000, 0.4000
CMYK	0.51, 1.00, 0.00, 0.40
HSL	269°, 100%, 30%
HSV	269°, 100%, 60%
XYZ	8.6514, 3.7958, 30.4136
YIQ	39.8670, -4.4130, 63.4830

Conversions

Conversions Part 2

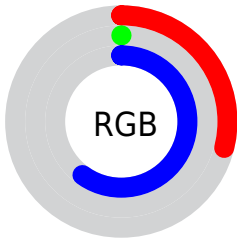
Format	Color
R_{YB}	75, 0, 153
Decimal	4915353
CIE _{Lab}	22.98, 56.88, -63.52
CIE _{LCh}	23, 85.266, 311.842
Yxy	3.7959, 0.2019, 0.0886
Android (android.graphics.Color)	4283105433 (0xFF4B0099)
YUV	39.8670, 55.7746, 30.8116
Hunter-Lab	19.4827, 45.1693, -78.9173

Details

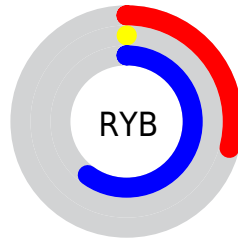
The HunterLab color **19.4827, 45.1693, -78.9173** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **49.3985, -33.9332, 29.8451**, and the grayscale version is **14.3506, -0.7657, 0.7797**.

A 20% lighter version of the original color is **36.2560, 49.5863, -75.4358**, and **9.6258, 26.0428, -67.8754** is the 20% darker color. If you saturate the color by 10%, you get **19.4831, 45.1697, -78.9155**, and if you desaturate by 10%, it is **21.1664, 42.8617, -70.6251**.

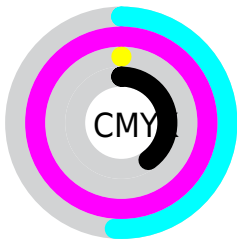
Distribution



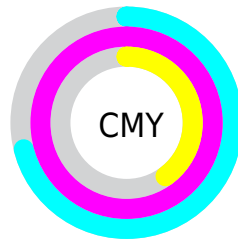
- Red (29%)
- Green (0%)
- Blue (60%)



- Red (29%)
- Yellow (0%)
- Blue (60%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4827, 45.1693, -78.9173 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 19.4827, 45.1693, -78.9173 by changing the saturation by 10% instead.

19.4827, 45.1693,
-78.9173

19.4827, 45.1693,
-78.9173

117.2523, 61.2525,
-78.7721

12.4903, 43.4525,
-85.7113

36.2597, 49.2774,
-74.9911

5.7485, 52.9559,
-121.1645

45.8611, 51.2877,
-74.7834

0.0000, INF, -NF

0.0000, NaN, -NF

56.1862, 53.2039,
-75.0564

0.0000, NaN, -NF

67.1874, 55.0161,
-75.6023

0.0000, NaN, NaN

78.8255, 56.7232,
-76.3041


0.0000, NaN, NaN


0.0000, NaN, NaN

91.0674, 58.3285,


-77.0926


0.0000, NaN, NaN


 103.8846, 59.8366,
-77.9245


 19.4827, 45.1693,
-78.9173


 19.4827, 45.1693,
-78.9173


 19.4831, 45.1697,
-78.9155

 21.1664, 42.8617,
-70.6251

 23.3734, 39.3201,
-61.3562

 26.2016, 34.5589,
-51.4451

 29.5557, 29.1890,
-41.7333

 33.3399, 23.6159,
-32.6369

■ 37.4736, 18.0542,
-24.2751

■ 41.8934, 12.5966,
-16.6168

■ 46.5508, 7.2705,
-9.5728

■ 51.4091, 2.0729,
-3.0427

Harmonies

Analogous

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



19.4831, 10.3982, -128.0219



19.4827, 45.1693, -78.9173



19.4831, 73.5298, -20.5302

Triad

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



19.4831, 45.1697, -78.9155



19.4831, 17.2505, 13.6382



19.4831, -30.6016, -11.5417

Complementary

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



19.4827, 45.1693, -78.9173



49.3985, -33.9332, 29.8451

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.



19.4831, -30.0579, 10.8601



19.4827, 45.1693, -78.9173



19.4831, -10.3289, 13.6382

Square

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



19.4831, 45.1697, -78.9155



19.4831, 52.4018, 13.6382



19.4831, -24.5270, 13.6382



19.4831, -26.1419, -65.5130

Rectangle

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



19.4827, 45.1693, -78.9173



19.4831, 79.0696, 2.5374



19.4831, -24.5270, 13.6382



19.4831, -30.9977, -0.5419

Sweetspot

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



19.4831, 45.1697, -78.9155



55.7033, 17.2854, -22.8205



28.1054, 5.1136, -46.1681



25.0895, 9.4362, -12.5375



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



19.4831, 45.1697, -78.9155



25.8613, 60.2146, -106.7472



29.7098, 58.6200, -40.8093



24.8344, 0.8033, -1.2254



17.7680, 41.1260, -71.4457



2.6220, 5.5741, -6.7069

Inverse Universe

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



27.0598, 48.3733, 1.7297



36.1605, 64.5457, 3.0579



47.7483, -40.8556, 28.7070



25.0452, 1.3113, 0.6364



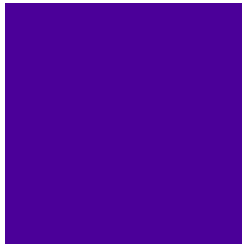
24.6141, 44.0266, 1.3763



3.1292, 5.8141, -1.5064

Previews

White Background



This preview shows how the HunterLab color 19.4827, 45.1693, -78.9173 looks on a white background.

Color Contrast Check

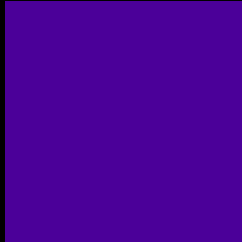
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 19.4827, 45.1693, -78.9173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

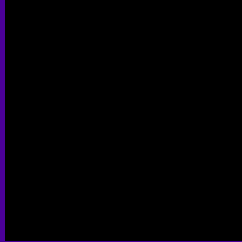
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.4827, 45.1693, -78.9173 Background



This preview shows how black text looks on a background with the HunterLab color 19.4827, 45.1693, -78.9173.



This preview shows how white text looks on a background with the HunterLab color 19.4827, 45.1693, -78.9173.

-78.9173.

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

19.4827, 45.1693, -78.9173

Protanopia

20.3380, 5.5200, -37.3369

Deuteranopia

20.4238, -1.0898, -23.1754



Tritanopia

20.6273, -3.1458, -1.2866

Trichromacy



Original Color

19.4827, 45.1693, -78.9173

Protanomaly

17.7016, 21.2526, -60.6415

Deuteranomaly

17.2491, 16.7469, -50.1562

Tritanomaly

17.6926, 14.9361, -25.9209

Monochromacy



Original Color

19.4827, 45.1693, -78.9173

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.3046, 16.1587, -23.1683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4827, 45.1693, -78.9173 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(75, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(75, 0, 153)  
}
```

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(75, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4827, 45.1693, -78.9173 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(75, 0, 153) }
```


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

```
.border{ border-color:rgb(75, 0, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(75, 0, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4827, 45.1693, -78.9173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 0, 153) }
```

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

```
.background{ background-color: rgb(75, 0,  
153) }
```

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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