

Converting Colors

HunterLab(18.2323, 39.1054,
-79.1901)

Have a look what the booklet for
HunterLab(18.2323, 39.1054,
-79.1901) contains.

HunterLab(18.1676, 39.1614, -79.5533)	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(18.1676, 39.1614,
-79.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0C94
RGB	58, 12, 148
RGB Percent	23%, 5%, 58%
CMY	0.7725, 0.9530, 0.4196
CMYK	0.61, 0.92, 0.00, 0.42
HSL	260°, 85%, 31%
HSV	260°, 92%, 58%
XYZ	7.2217, 3.3006, 28.2735
YIQ	41.2580, -16.2400, 52.0480

Conversions

Conversions Part 2

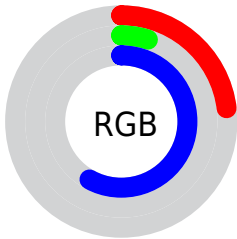
Format	Color
R _Y B	58, 12, 148
Decimal	3804308
CIE Lab	21.21, 51.39, -63.44
CIE LCh	21, 81.642, 309.008
Yxy	3.3007, 0.1862, 0.0851
Android (android.graphics.Color)	4281994388 (0xFF3A0C94)
YUV	41.2580, 52.6238, 14.6827
Hunter-Lab	18.1676, 39.1614, -79.5533

Details

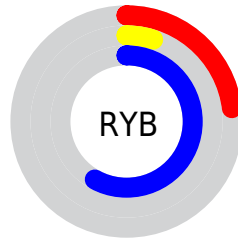
The HunterLab color **18.1676, 39.1614, -79.5533** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **49.0212, -27.0355, 29.3128**, and the grayscale version is **14.8128, -0.7904, 0.8048**.

A 20% lighter version of the original color is **34.6268, 42.8316, -74.6558**, and **9.1898, 24.9274, -65.2976** is the 20% darker color. If you saturate the color by 10%, you get **16.7867, 41.4844, -87.8853**, and if you desaturate by 10%, it is **20.3332, 35.5463, -68.5443**.

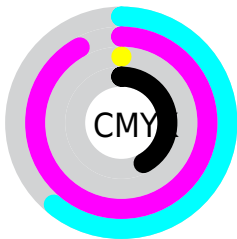
Distribution



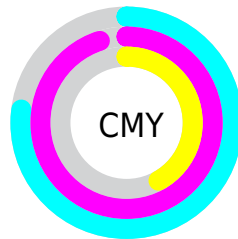
- Red (23%)
- Green (5%)
- Blue (58%)



- Red (23%)
- Yellow (5%)
- Blue (58%)



- Cyan (61%)
- Magenta (92%)
- Yellow (0%)
- Black (42%)



- Cyan (77%)
- Magenta (95%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1676, 39.1614, -79.5533 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 18.1676, 39.1614, -79.5533 by changing the saturation by 10% instead.

■ 18.1676, 39.1614,
-79.5533

■ 18.1676, 39.1614,
-79.5533

■ 114.8403, 53.9402,
-78.4846

■ 11.3607, 37.4501,
-87.5070

■ 34.6354, 43.0736,
-74.9548

■ 3.6599, 67.0204,
-175.4386

■ 44.1025, 44.9428,
-74.6339

0.0000, INF, -NF

0.0000, NaN, -NF

■ 54.3029, 46.7058,
-74.8439

0.0000, NaN, -NF

■ 65.1871, 48.3581,
-75.3537

0.0000, NaN, NaN

■ 76.7148, 49.9022,
-76.0350

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.8516, 51.3434,

-76.8122

0.0000, NaN, NaN

101.5686, 52.6874,
-77.6387

18.1676, 39.1614,
-79.5533

18.1676, 39.1614,
-79.5533

16.7867, 41.4844,
-87.8853

20.3332, 35.5463,
-68.5443

23.1691, 30.8535,
-56.8794

26.5516, 25.7728,
-45.7504

30.3658, 20.6907,
-35.6306

34.5213, 15.7672,
-26.5713

■ 38.9508, 11.0428,
-18.4524

■ 43.6054, 6.5071,
-11.1114

■ 48.4488, 2.1324,
-4.3952

■ 53.4541, -2.1119,
1.8252

Harmonies

Analogous

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



18.1677, 7.0023, -122.1074



18.1676, 39.1614, -79.5533



18.1677, 67.1691, -23.4758

Triad

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



18.1677, 39.1629, -79.5528



18.1677, 19.1538, 12.7174



18.1677, -29.2064, -7.5113

Complementary

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



18.1676, 39.1614, -79.5533



49.0212, -27.0355, 29.3128

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.



18.1677, -28.1483, 11.0470



18.1676, 39.1614, -79.5533



18.1677, -7.7683, 12.7174

Square

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



18.1677, 39.1629, -79.5528



18.1677, 51.9809, 12.7174



18.1677, -22.1188, 12.7174



18.1677, -25.0824, -55.7967

Rectangle

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



18.1676, 39.1614, -79.5533



18.1677, 74.1090, 0.1964



18.1677, -22.1188, 12.7174



18.1677, -29.4450, 1.7473

Sweetspot

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



18.1677, 39.1629, -79.5528



53.7709, 12.6326, -21.1541



34.4244, -6.7620, -27.1609



24.5411, 7.1910, -12.0155



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



18.1677, 39.1629, -79.5528



22.1046, 54.9213, -118.0136



26.0501, 50.2258, -46.8358



23.9220, 0.4701, -1.2862



15.5588, 38.3826, -80.9351



2.1123, 4.6756, -6.8379

Inverse Universe

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



27.4189, 47.9899, -9.4418



35.5380, 65.1387, -10.2051



46.4305, -37.6647, 27.5069



24.2408, 1.4125, 0.1962



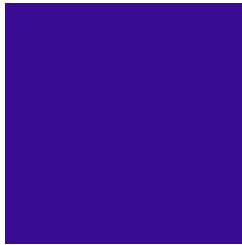
24.7691, 45.4755, -7.6969



2.8392, 5.3832, -2.2036

Previews

White Background



This preview shows how the HunterLab color 18.1676, 39.1614, -79.5533 looks on a white background.

Color Contrast Check

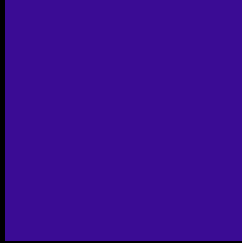
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1676, 39.1614, -79.5533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

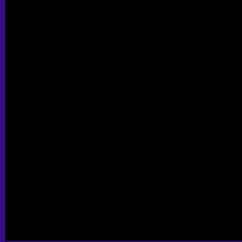
Any Text WCAG AA × Fail

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 18.1676, 39.1614, -79.5533 Background



This preview shows how black text looks on a background with the HunterLab color 18.1676, 39.1614, -79.5533.



This preview shows how white text looks on a background with the HunterLab color 18.1676, 39.1614, -79.5533.

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

18.1676, 39.1614, -79.5533

Protanopia

18.5181, 4.5856, -33.0449

Deuteranopia

18.4219, -1.1591, -20.5235



Tritanopia

18.6096, -7.9936, -3.6554

Trichromacy



Original Color

18.1676, 39.1614, -79.5533

Protanomaly

16.9933, 17.3591, -53.4662

Deuteranomaly

16.6743, 13.2059, -44.0015

Tritanomaly

16.2949, 7.8525, -28.3529

Monochromacy



Original Color

18.1676, 39.1614, -79.5533

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.5330, 12.4528, -21.7893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1676, 39.1614, -79.5533 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(58, 12, 148)` looks like.

```
.text, #text, p{  
    color:rgb(58, 12, 148)  
}
```

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(58, 12, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 12, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1676, 39.1614, -79.5533 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(58, 12, 148) }
```


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

```
.border{ border-color:rgb(58, 12, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 12, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 12, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 12, 148);  
box-shadow:4px 4px 4px 4px rgb(58, 12,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1676, 39.1614, -79.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 12, 148) }
```

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

```
.background{ background-color: rgb(58, 12,  
148) }
```

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