

# Converting Colors

HunterLab(19.7940, 40.2520,  
-74.3024)

Have a look what the booklet for  
HunterLab(19.7940, 40.2520,  
-74.3024) contains.

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# Color

**HunterLab(19.8609, 40.4667,  
-74.4565)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	471097
RGB	71, 16, 151
RGB Percent	28%, 6%, 59%
CMY	0.7216, 0.9373, 0.4078
CMYK	0.53, 0.89, 0.00, 0.41
HSL	264°, 81%, 33%
HSV	264°, 89%, 59%
XYZ	8.3698, 3.9446, 29.5984
YIQ	47.8350, -10.5550, 53.6450

# Conversions

## Conversions Part 2

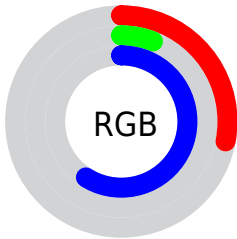
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 16, 151
Decimal	4657303
CIE <sub>Lab</sub>	23.49, 52.25, -61.48
CIE <sub>LCh</sub>	23, 80.678, 310.359
Yxy	3.9446, 0.1997, 0.0941
Android (android.graphics.Color)	4282847383 (0xFF471097)
YUV	47.8350, 50.8603, 20.3157
Hunter-Lab	19.8609, 40.4667, -74.4565

# Details

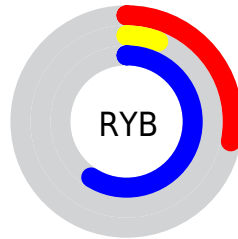
The HunterLab color **19.8609, 40.4667, -74.4565** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **49.6561, -29.4419, 29.4972**, and the grayscale version is **16.9761, -0.9058, 0.9223**.

A 20% lighter version of the original color is **36.6412, 44.1868, -71.1348**, and **9.4913, 25.7452, -67.4399** is the 20% darker color. If you saturate the color by 10%, you get **18.1103, 43.0750, -83.9387**, and if you desaturate by 10%, it is **22.1875, 36.6562, -63.9248**.

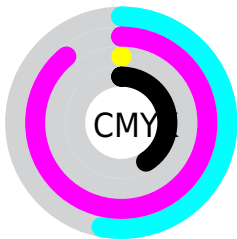
# Distribution



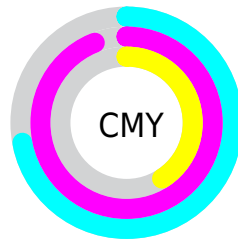
- Red (28%)
- Green (6%)
- Blue (59%)



- Red (28%)
- Yellow (6%)
- Blue (59%)



- Cyan (53%)
- Magenta (89%)
- Yellow (0%)
- Black (41%)



- Cyan (72%)
- Magenta (94%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8609, 40.4667, -74.4565 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 19.8609, 40.4667, -74.4565 by changing the saturation by 10% instead.



19.8609, 40.4667,  
-74.4565

19.8609, 40.4667,  
-74.4565

117.9384, 55.3146,  
-75.3865

12.8166, 38.6618,  
-80.2399

36.7242, 44.4110,  
-71.2906

6.2137, 44.3674,  
-107.2640

46.3632, 46.2833,  
-71.2385

0.0000, INF, -NF

0.0000, NaN, -NF

56.7234, 48.0492,  
-71.6027

0.0000, NaN, -NF

67.7575, 49.7054,  
-72.2002

0.0000, NaN, NaN

79.4267, 51.2546,  
-72.9278

0.0000, NaN, NaN

0.0000, NaN, NaN

91.6981, 52.7020,

-73.7244

0.0000, NaN, NaN

104.5435, 54.0534,  
-74.5521

19.8609, 40.4667,  
-74.4565

19.8609, 40.4667,  
-74.4565

18.1103, 43.0750,  
-83.9387

22.1875, 36.6562,  
-63.9248

18.0089, 43.2475,  
-84.5379

25.1451, 31.8174,  
-52.9846

28.6216, 26.5666,  
-42.5489

32.5136, 21.2602,  
-32.9833

36.7388, 16.0590,  
-24.3308

■ 41.2345, 11.0153,  
-16.4972

■ 45.9544, 6.1306,  
-9.3505

■ 50.8636, 1.3866,  
-2.7626

■ 55.9359, -3.2406,  
3.3768

# Harmonies

## Analogous

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



19.8611, 8.3106, -116.3353



19.8609, 40.4667, -74.4565



19.8611, 67.2122, -21.1528

# Triad

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



19.8611, 40.4679, -74.4557



19.8611, 17.7474, 13.9028



19.8611, -29.9573, -8.9858

# Complementary

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



19.8609, 40.4667, -74.4565



49.6561, -29.4419, 29.4972

# 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.



19.8611, -29.2159, 11.1107



19.8609, 40.4667, -74.4565



19.8611, -8.9634, 13.9028

# Square

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



19.8611, 40.4679, -74.4557



19.8611, 50.2274, 13.9028



19.8611, -23.5402, 13.9028



19.8611, -25.9730, -56.8818



# Rectangle

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



19.8609, 40.4667, -74.4565



19.8611, 73.1548, 1.3646



19.8611, -23.5402, 13.9028



19.8611, -30.2455, 0.7933

# Sweetspot

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



19.8611, 40.4679, -74.4557



56.3380, 13.5065, -20.2294



33.0058, -3.2771, -32.3136



25.9423, 7.4225, -11.1215



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.



19.8611, 40.4679, -74.4557



23.8894, 57.6608, -114.4029



28.2235, 52.8760, -43.1891



24.7852, 0.6359, -1.2916



16.6581, 39.9380, -77.6883



2.4888, 5.4039, -7.2428



# Inverse Universe

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



27.9183, 47.4246, -5.4654



36.1273, 65.3818, -3.8852



47.3701, -38.8811, 27.8951



25.0619, 1.4015, 0.3975



24.9467, 45.2319, -3.3369

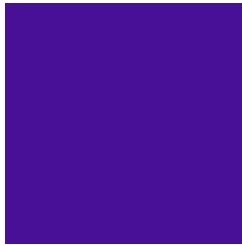


3.1660, 5.9448, -2.0080



# Previews

## White Background



This preview shows how the HunterLab color 19.8609, 40.4667, -74.4565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

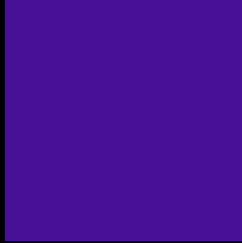
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 19.8609, 40.4667, -74.4565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

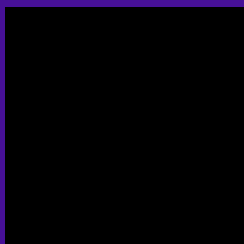
Any Text WCAG AA × Fail

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 19.8609, 40.4667, -74.4565 Background



This preview shows how black text looks on a background with the HunterLab color 19.8609, 40.4667, -74.4565.



This preview shows how white text looks on a background with the HunterLab color 19.8609, 40.4667, -74.4565.

-74.4565.

# 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

19.8609, 40.4667, -74.4565

### Protanopia

20.2798, 5.2195, -36.6154

### Deuteranopia

20.1197, -0.9266, -23.1476



**Tritanopia**

20.3687, -4.0206, -2.0765

# Trichromacy



## Original Color

19.8609, 40.4667, -74.4565

## Protanomaly

18.4132, 18.0059, -55.2138

## Deuteranomaly

18.1088, 13.8460, -45.7412

## Tritanomaly

18.5207, 11.2803, -23.8166

# Monochromacy



## Original Color

19.8609, 40.4667, -74.4565

## Achromatopsia

17.1921, -0.9173, 0.9341

## Achromatomaly

16.6084, 12.8666, -20.2215

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 19.8609, 40.4667, -74.4565 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(71, 16, 151)` looks like.

```
.text, #text, p{  
    color:rgb(71, 16, 151)  
}
```

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(71, 16, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 16, 151) }
```

## Border

The CSS property to change the border of an element to HunterLab 19.8609, 40.4667, -74.4565 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(71, 16, 151) }
```



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

```
.border{ border-color:rgb(71, 16, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 16, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 16, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 16, 151);  
box-shadow:4px 4px 4px 4px rgb(71, 16,  
151) }
```

# Background

The CSS property to change the background color of an element to HunterLab 19.8609, 40.4667, -74.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 16, 151) }
```

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

```
.background{ background-color: rgb(71, 16,  
151) }
```

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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