

Converting Colors

HunterLab(31.0998, 33.9709,
-73.1146)

Have a look what the booklet for
HunterLab(31.0998, 33.9709,
-73.1146) contains.

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Color

**HunterLab(31.0998, 33.9709,
-73.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	5A41BE
RGB	90, 65, 190
RGB Percent	35%, 25%, 75%
CMY	0.6470, 0.7451, 0.2549
CMYK	0.53, 0.66, 0.00, 0.25
HSL	252°, 49%, 50%
HSV	252°, 66%, 75%
XYZ	15.4010, 9.6720, 49.7704
YIQ	86.7250, -25.2250, 44.1750

Conversions

Conversions Part 2

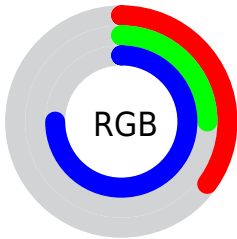
Format	Color
R_{YB}	90, 65, 190
Decimal	5915070
CIE _{Lab}	37.25, 43.08, -62.26
CIE _{LCh}	37, 75.707, 304.679
Yxy	9.6722, 0.2058, 0.1292
Android (android.graphics.Color)	4284105150 (0xFF5A41BE)
YUV	86.7250, 50.9146, 2.8722
Hunter-Lab	31.0998, 33.9709, -73.1146

Details

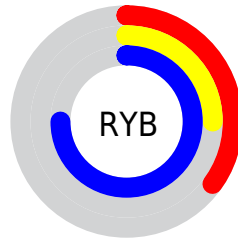
The HunterLab color **31.0998, 33.9709, -73.1146** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **67.2367, -25.0543, 36.5823**, and the grayscale version is **30.5977, -1.6326, 1.6624**.

A 20% lighter version of the original color is **50.0459, 37.3212, -72.7581**, and **15.3013, 30.3696, -78.8571** is the 20% darker color. If you saturate the color by 10%, you get **26.7577, 40.9491, -90.7394**, and if you desaturate by 10%, it is **36.1581, 27.1352, -57.1255**.

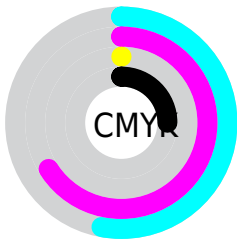
Distribution



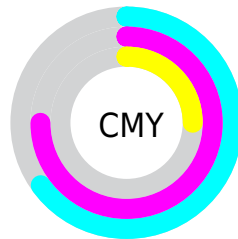
- Red (35%)
- Green (25%)
- Blue (75%)



- Red (35%)
- Yellow (25%)
- Blue (75%)



- Cyan (53%)
- Magenta (66%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0998, 33.9709, -73.1146 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 31.0998, 33.9709, -73.1146 by changing the saturation by 10% instead.

31.0998, 33.9709,
-73.1146

31.0998, 33.9709,
-73.1146

137.2285, 44.8763,
-77.8319

22.7644, 32.2213,
-74.8612

50.1769, 37.1340,
-72.6728

15.3446, 30.4188,
-79.1850

60.7954, 38.5368,
-73.1187

8.9575, 28.8949,
-90.2907

72.0725, 39.8285,
-73.7627

0.0000, INF, -NF

0.0000, NaN, -NF

83.9718, 41.0168,
-74.5172

0.0000, NaN, -NF

96.4621, 42.1091,
-75.3292

0.0000, NaN, -NF

109.5169, 43.1125,

0.0000, NaN, NaN

-76.1655

0.0000, NaN, NaN

123.1126, 44.0330,
-77.0044

■ 31.0998, 33.9709,
-73.1146

■ 31.0998, 33.9709,
-73.1146

■ 26.7577, 40.9491,
-90.7394

■ 36.1581, 27.1352,
-57.1255

■ 23.3453, 47.2745,
-108.5097

■ 41.7616, 20.7221,
-43.0666

■ 21.0616, 51.6006,
-123.2562

■ 47.7891, 14.7641,
-30.7335

■ 20.3222, 53.0958,
-128.6753

■ 54.1553, 9.2030,
-19.8030

■ 60.8002, 3.9622,
-9.9713

■ 67.6803, -1.0294,
-0.9900

■ 74.7634, -5.8302,
7.3337

■ 82.0252, -10.4863,
15.1472

■ 89.4468, -15.0335,
22.5623

Harmonies

Analogous

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



31.1002, 2.7138, -99.6443



31.0998, 33.9709, -73.1146



31.1002, 61.0073, -27.9232

Triad

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



31.1002, 33.9718, -73.1135



31.1002, 23.9686, 21.7702



31.1002, -38.4672, -2.6375

Complementary

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



31.0998, 33.9709, -73.1146



67.2367, -25.0543, 36.5823

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.



31.1002, -36.1845, 16.3246



31.0998, 33.9709, -73.1146



31.1002, -5.8068, 21.7702

Square

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



31.1002, 33.9718, -73.1135



31.1002, 53.9773, 18.7676



31.1002, -26.1427, 21.5086



31.1002, -34.0050, -41.9018

Rectangle

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



31.0998, 33.9709, -73.1146



31.1002, 69.2717, -3.2745



31.1002, -26.1427, 21.5086



31.1002, -38.4443, 5.9557

Sweetspot

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



31.1002, 33.9718, -73.1135



77.7482, 8.4859, -19.2642



56.3489, -19.6397, -16.8801



35.2440, 4.9221, -10.8080



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



31.1002, 33.9718, -73.1135



33.7842, 59.1525, -133.0732



37.7123, 48.6769, -52.4986



30.5202, 0.3382, -1.9201



16.6529, 43.3628, -104.3094



3.6923, 8.9457, -17.9431

Inverse Universe

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



41.7664, 54.7665, -23.8349



51.8225, 85.4052, -35.0388



63.2953, -40.5343, 33.6080



31.0848, 2.1403, -0.3235



29.6612, 55.9155, -20.5213



5.9422, 11.3198, -5.0256

Previews

White Background



This preview shows how the HunterLab color 31.0998, 33.9709, -73.1146 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 31.0998, 33.9709, -73.1146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

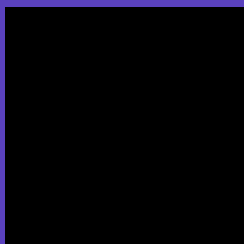
Any Text WCAG AA × Fail

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 31.0998, 33.9709, -73.1146 Background



This preview shows how black text looks on a background with the HunterLab color 31.0998, 33.9709, -73.1146.



This preview shows how white text looks on a background with the HunterLab color 31.0998, 33.9709, -73.1146.

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

31.0998, 33.9709, -73.1146

Protanopia

30.9763, 10.9477, -62.3507

Deuteranopia

31.0571, 0.1874, -39.2232



Tritanopia

31.2104, -8.0689, -3.8133

Trichromacy



Original Color

31.0998, 33.9709, -73.1146

Protanomaly

30.0832, 17.5383, -69.4502

Deuteranomaly

29.9970, 10.2523, -53.5969

Tritanomaly

30.4264, 5.4162, -24.3973

Monochromacy



Original Color

31.0998, 33.9709, -73.1146

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.2025, 8.9569, -18.6662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0998, 33.9709, -73.1146 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(90, 65, 190)` looks like.

```
.text, #text, p{  
    color:rgb(90, 65, 190)  
}
```

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(90, 65, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 65, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0998, 33.9709, -73.1146 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(90, 65, 190) }
```


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

```
.border{ border-color:rgb(90, 65, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 65, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 65, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 65, 190);  
box-shadow:4px 4px 4px 4px rgb(90, 65,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0998, 33.9709, -73.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 65, 190) }
```

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

```
.background{ background-color: rgb(90, 65,  
190) }
```

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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