

Converting Colors

HunterLab(33.1383, 56.7544,
-74.1751)

Have a look what the booklet for
HunterLab(33.1383, 56.7544,
-74.1751) contains.

HunterLab(33.1383, 56.7544, -74.1751)	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(33.1383, 56.7544,
-74.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	8929C6
RGB	137, 41, 198
RGB Percent	54%, 16%, 78%
CMY	0.4627, 0.8392, 0.2235
CMYK	0.31, 0.79, 0.00, 0.22
HSL	277°, 66%, 47%
HSV	277°, 79%, 78%
XYZ	21.3025, 10.9815, 54.4230
YIQ	87.6020, 6.8190, 69.1790

Conversions

Conversions Part 2

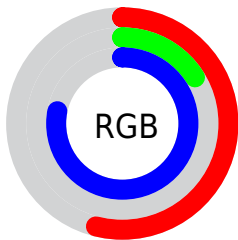
Format	Color
R _{YB}	137, 41, 198
Decimal	8989126
CIE _{Lab}	39.55, 64.28, -62.95
CIE _{LCh}	40, 89.967, 315.600
Yxy	10.9819, 0.2457, 0.1267
Android (android.graphics.Color)	4287179206 (0xFF8929C6)
YUV	87.6020, 54.4262, 43.3220
Hunter-Lab	33.1383, 56.7544, -74.1751

Details

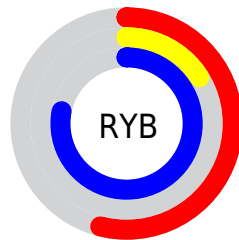
The HunterLab color **33.1383, 56.7544, -74.1751** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **65.8584, -44.5824, 37.9124**, and the grayscale version is **30.8983, -1.6487, 1.6788**.

A 20% lighter version of the original color is **52.4952, 60.8868, -73.4402**, and **19.0930, 43.0840, -68.1775** is the 20% darker color. If you saturate the color by 10%, you get **30.5163, 61.0410, -83.9291**, and if you desaturate by 10%, it is **36.5865, 50.5033, -63.1510**.

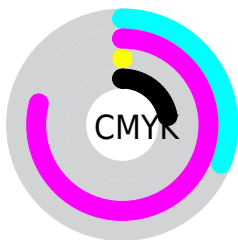
Distribution



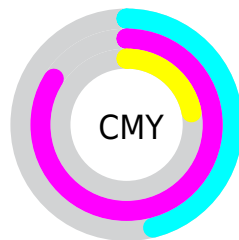
- Red (54%)
- Green (16%)
- Blue (78%)



- Red (54%)
- Yellow (16%)
- Blue (78%)



- Cyan (31%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1383, 56.7544, -74.1751 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 33.1383, 56.7544, -74.1751 by changing the saturation by 10% instead.

33.1383, 56.7544,
-74.1751

33.1383, 56.7544,
-74.1751

140.5500, 73.5547,
-79.1864

24.6062, 54.5778,
-75.6514

52.5610, 61.1086,
-73.9318

16.9656, 52.6375,
-79.3381

63.3348, 63.1746,
-74.4159

10.3370, 51.5682,
-88.3921

74.7581, 65.1442,
-75.0821

0.0000, INF, -NF

0.0000, NaN, -NF

86.7960, 67.0147,
-75.8501

0.0000, NaN, -NF

99.4185, 68.7874,
-76.6707

0.0000, NaN, NaN

112.5998, 70.4655,

0.0000, NaN, NaN

-77.5127

126.3170, 72.0532,
-78.3558

■ 33.1383, 56.7544,
-74.1751

■ 33.1383, 56.7544,
-74.1751

■ 30.5163, 61.0410,
-83.9291

■ 36.5865, 50.5033,
-63.1510

■ 28.6659, 63.0413,
-91.7347

■ 40.7628, 43.0783,
-51.8373

■ 28.5437, 63.1657,
-92.2810

■ 45.5531, 35.1035,
-40.8533

■ 50.8516, 26.9669,
-30.4853

■ 56.5704, 18.8723,
-20.8060

■ 62.6396, 10.9091,
-11.7802

■ 69.0048, 3.1040,
-3.3300

■ 75.6237, -4.5466,
4.6324

■ 82.4632, -12.0596,
12.1894

Harmonies

Analogous

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



33.1389, 17.0535, -124.6436



33.1383, 56.7544, -74.1751



33.1389, 84.6657, -16.9641

Triad

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



33.1389, 56.7544, -74.1735



33.1389, 15.5094, 23.1972



33.1389, -43.3854, -18.8494

Complementary

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



33.1383, 56.7544, -74.1751



65.8584, -44.5824, 37.9124

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.



33.1389, -43.5249, 13.5670



33.1383, 56.7544, -74.1751



33.1389, -17.1491, 23.1972

Square

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



33.1389, 56.7544, -74.1735



33.1389, 55.2505, 22.7081



33.1389, -35.9825, 22.5414



33.1389, -35.4762, -76.6469

Rectangle

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



33.1383, 56.7544, -74.1751



33.1389, 87.8300, 7.1643



33.1389, -35.9825, 22.5414



33.1389, -44.1973, -4.6352

Sweetspot

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



33.1389, 56.7544, -74.1735



79.2089, 19.8621, -21.6605



37.9597, 8.9868, -59.8998



35.3075, 10.9687, -12.0563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



33.1389, 56.7544, -74.1735



38.8151, 83.2086, -119.1388



41.2088, 68.9058, -37.3097



32.5622, 1.4999, -1.6087



23.1280, 51.0716, -73.9237



5.4240, 11.6033, -14.4379

Inverse Universe

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



38.1460, 57.1553, 4.9681



47.5398, 82.1186, 13.4282



64.1500, -51.4924, 35.0858



32.7170, 1.6775, 1.2667



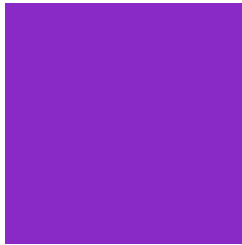
28.5852, 50.2244, 8.6152



6.3328, 11.3403, 0.2541

Previews

White Background



This preview shows how the HunterLab color 33.1383, 56.7544, -74.1751 looks on a white background.

Color Contrast Check

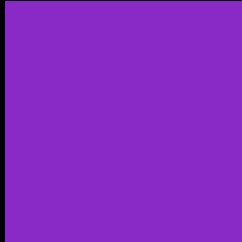
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.1383, 56.7544, -74.1751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

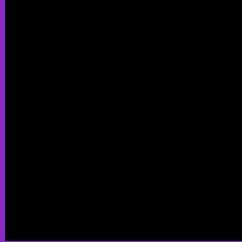
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 33.1383, 56.7544, -74.1751 Background



This preview shows how black text looks on a background with the HunterLab color 33.1383, 56.7544, -74.1751.



This preview shows how white text looks on a background with the HunterLab color 33.1383, 56.7544, -74.1751.

-74.1751.

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

33.1383, 56.7544, -74.1751

Protanopia

33.5317, 11.2948, -66.2940

Deuteranopia

33.3450, 0.8828, -43.5840



Tritanopia

33.0871, 9.6945, 2.8220

Trichromacy



Original Color

33.1383, 56.7544, -74.1751



Protanomaly

30.5585, 25.0029, -79.7586



Deuteranomaly

30.1021, 18.0981, -64.0943



Tritanomaly

31.7898, 26.0877, -19.3430

Monochromacy



Original Color

33.1383, 56.7544, -74.1751



Achromatopsia

31.2390, -1.6668, 1.6973



Achromatomaly

30.2145, 18.5694, -21.1312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1383, 56.7544, -74.1751 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(137, 41, 198)` looks like.

```
.text, #text, p{  
    color:rgb(137, 41, 198)  
}
```

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(137, 41, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 41, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1383, 56.7544, -74.1751 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(137, 41, 198) }
```


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

```
.border{ border-color:rgb(137, 41, 198) }
```

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

Here you see how a box with a 4 pixel rgb(137, 41, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 41, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 41, 198);  
box-shadow:4px 4px 4px 4px rgb(137, 41,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1383, 56.7544, -74.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 41, 198) }
```

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

```
.background{ background-color: rgb(137, 41,  
198) }
```

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