

Converting Colors

HunterLab(42.0511, 45.1485,
-54.7339)

Have a look what the booklet for
HunterLab(42.0511, 45.1485,
-54.7339) contains.

HunterLab(42.1454, 44.9082, -54.4971)	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(42.1454, 44.9082,
-54.4971)**

Conversions

Conversions Part 1

Format	Color
Hex	9D53CD
RGB	157, 83, 205
RGB Percent	62%, 33%, 80%
CMY	0.3843, 0.6745, 0.1961
CMYK	0.23, 0.60, 0.00, 0.20
HSL	276°, 55%, 56%
HSV	276°, 60%, 80%
XYZ	28.0173, 17.7623, 59.7093
YIQ	119.0340, 4.9420, 53.6300

Conversions

Conversions Part 2

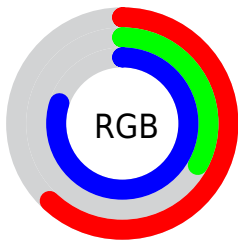
Format	Color
R_{YB}	157, 83, 205
Decimal	10310605
CIE _{Lab}	49.21, 51.70, -51.28
CIE _{LCh}	49, 72.815, 315.234
Yxy	17.7630, 0.2656, 0.1684
Android (android.graphics.Color)	4288500685 (0xFF9D53CD)
YUV	119.0340, 42.3812, 33.2962
Hunter-Lab	42.1454, 44.9082, -54.4971

Details

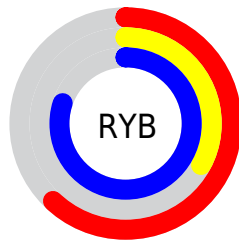
The HunterLab color $42.1454, 44.9082, -54.4971$ is a dark color, and the websafe version is hex $9966CC$. The color can be described as middle muted purple. A complement of this color would be $70.0805, -39.2166, 35.5727$, and the grayscale version is $42.8042, -2.2839, 2.3256$.

A 20% lighter version of the original color is $62.5495, 46.3116, -50.3241$, and $24.4036, 41.0360, -54.3473$ is the 20% darker color. If you saturate the color by 10%, you get $37.8042, 52.6050, -66.3684$, and if you desaturate by 10%, it is $47.1330, 36.6272, -42.9710$.

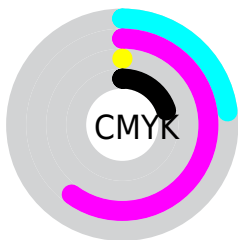
Distribution



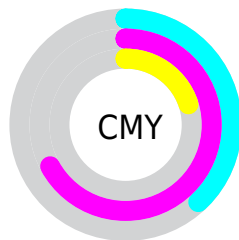
- Red (62%)
- Green (33%)
- Blue (80%)



- Red (62%)
- Yellow (33%)
- Blue (80%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.1454, 44.9082, -54.4971 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 42.1454, 44.9082, -54.4971 by changing the saturation by 10% instead.

42.1454, 44.9082,
-54.4971

42.1454, 44.9082,
-54.4971

154.7682, 57.4319,
-60.7202

32.8329, 43.0099,
-54.2351

62.9549, 48.3873,
-55.7117

24.3292, 41.0403,
-54.5381

74.3566, 49.9633,
-56.4523

16.7211, 39.0976,
-56.0598

86.3739, 51.4351,
-57.2136

10.1299, 37.5147,
-60.6452

98.9769, 52.8085,
-57.9702

0.0000, INF, -NF

0.0000, NaN, -NF

112.1394, 54.0894,
-58.7069

0.0000, NaN, NaN

125.8386, 55.2836,

0.0000, NaN, NaN

-59.4143

140.0542, 56.3961,
-60.0865

■ 42.1454, 44.9082,
-54.4971

■ 42.1454, 44.9082,
-54.4971

■ 37.8042, 52.6050,
-66.3684

■ 47.1330, 36.6272,
-42.9710

■ 34.2277, 59.0584,
-77.9245

■ 52.6528, 28.1751,
-32.1009

■ 31.5175, 63.4340,
-88.1211

■ 58.6129, 19.7665,
-21.9620

■ 29.6142, 65.4100,
-96.2424

■ 64.9397, 11.4955,
-12.5162

■ 29.5275, 65.4940,
-96.6341

■ 71.5760, 3.3901,
-3.6795

■ 78.4775, -4.5540,
4.6415

■ 85.6093, -12.3547,
12.5347

■ 92.9440, -20.0344,
20.0766

■ 96.2721, -21.4788,
23.3757

Harmonies

Analogous

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



42.1462, 13.3680, -87.2282



42.1454, 44.9082, -54.4971



42.1462, 66.0729, -13.5264

Triad

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



42.1462, 44.9076, -54.4955



42.1462, 12.8689, 28.0821



42.1462, -43.5852, -14.0949

Complementary

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



42.1454, 44.9082, -54.4971



70.0805, -39.2166, 35.5727

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.



42.1462, -43.6513, 13.6663



42.1454, 44.9082, -54.4971



42.1462, -15.8821, 28.0665

Square

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



42.1462, 44.9076, -54.4955



42.1462, 44.4584, 25.2141



42.1462, -34.8951, 25.1244



42.1462, -34.6810, -55.1444

Rectangle

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



42.1454, 44.9082, -54.4971



42.1462, 68.5956, 6.8373



42.1462, -34.8951, 25.1244



42.1462, -44.5431, -2.8189

Sweetspot

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



42.1462, 44.9076, -54.4955



84.1810, 13.3705, -14.5277



47.6400, 2.1009, -42.4897



37.8146, 7.6153, -8.3156

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.1462, 44.9076, -54.4955



47.1940, 69.4850, -88.5590



47.9661, 57.0021, -31.6644



33.4289, 1.5372, -1.6693



23.4182, 51.8215, -75.6963



5.7105, 12.2583, -15.5256

Inverse Universe

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



45.6123, 46.8448, 1.0141



53.1044, 71.1332, 3.9778



68.0675, -47.0712, 31.6464



33.5940, 1.7417, 1.2795



29.0931, 51.1431, 8.5650



6.7191, 12.0221, 0.3467

Previews

White Background



This preview shows how the HunterLab color 42.1454, 44.9082, -54.4971 looks on a white background.

Color Contrast Check

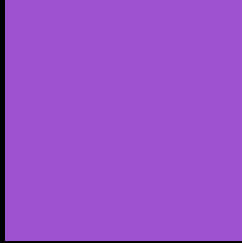
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.1454, 44.9082, -54.4971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

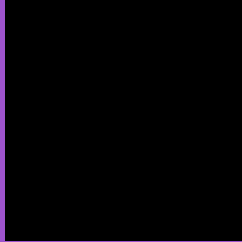
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 42.1454, 44.9082, -54.4971 Background



This preview shows how black text looks on a background with the HunterLab color 42.1454, 44.9082, -54.4971.



This preview shows how white text looks on a background with the HunterLab color 42.1454, 44.9082, -54.4971.

-54.4971.

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

42.1454, 44.9082, -54.4971

Protanopia

42.6118, 15.9553, -83.8804

Deuteranopia

42.4202, 3.7579, -48.4678



Tritanopia

42.1152, 9.6686, 2.8592

Trichromacy



Original Color

42.1454, 44.9082, -54.4971



Protanomaly

40.6408, 22.8814, -78.4787



Deuteranomaly

40.9305, 16.9597, -54.5264



Tritanomaly

41.5510, 21.1078, -14.0050

Monochromacy



Original Color

42.1454, 44.9082, -54.4971



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

41.8290, 13.5633, -14.8868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.1454, 44.9082, -54.4971 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(157, 83, 205)` looks like.

```
.text, #text, p{  
    color:rgb(157, 83, 205)  
}
```

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(157, 83, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 83, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 42.1454, 44.9082, -54.4971 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(157, 83, 205) }
```


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

```
.border{ border-color:rgb(157, 83, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 83, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 83, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 83, 205);  
box-shadow:4px 4px 4px 4px rgb(157, 83,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.1454, 44.9082, -54.4971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 83, 205) }
```

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

```
.background{ background-color: rgb(157, 83,  
205) }
```

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