

Converting Colors

HunterLab(49.9024, 28.0729,
-34.7351)

Have a look what the booklet for
HunterLab(49.9024, 28.0729,
-34.7351) contains.

HunterLab(49.8319, 28.1854, -34.5468)	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(49.8319, 28.1854,
-34.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	A475C9
RGB	164, 117, 201
RGB Percent	64%, 46%, 79%
CMY	0.3569, 0.5412, 0.2118
CMYK	0.18, 0.42, 0.00, 0.21
HSL	274°, 44%, 62%
HSV	274°, 42%, 79%
XYZ	32.2138, 24.8322, 58.3536
YIQ	140.6290, 1.0480, 36.0880

Conversions

Conversions Part 2

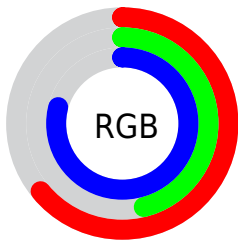
Format	Color
RYB	164, 117, 201
Decimal	10778057
CIELab	56.91, 34.33, -36.74
CIELCh	57, 50.288, 313.058
Yxy	24.8332, 0.2792, 0.2152
Android (android.graphics.Color)	4288968137 (0xFFA475C9)
YUV	140.6290, 29.7629, 20.4964
Hunter-Lab	49.8319, 28.1854, -34.5468

Details

The HunterLab color $49.8319, 28.1854, -34.5468$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $70.6599, -29.1133, 28.9082$, and the grayscale version is $51.3472, -2.7398, 2.7898$.

A 20% lighter version of the original color is $71.5438, 29.3371, -33.8051$, and $30.7179, 25.8770, -33.8980$ is the 20% darker color. If you saturate the color by 10%, you get $44.4206, 36.2043, -45.7506$, and if you desaturate by 10%, it is $55.6827, 20.2185, -24.1733$.

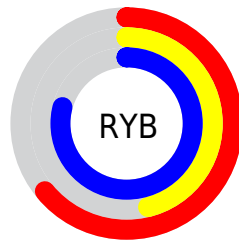
Distribution



Red (64%)

Green (46%)

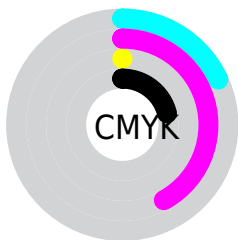
Blue (79%)



Red (64%)

Yellow (46%)

Blue (79%)

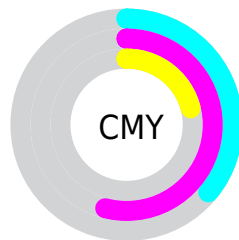


Cyan (18%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (36%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8319, 28.1854, -34.5468 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 49.8319, 28.1854, -34.5468 by changing the saturation by 10% instead.

49.8319, 28.1854,
-34.5468

49.8319, 28.1854,
-34.5468

166.4350, 34.5871,
-38.8636

39.9410, 27.0016,
-33.9081

71.6844, 30.2085,
-35.8046

30.8071, 25.6908,
-33.3324

83.5633, 31.0698,
-36.3846

22.5003, 24.2454,
-32.9434

96.0343, 31.8420,
-36.9196

15.1131, 22.6782,
-33.0512

109.0705, 32.5324,
-37.4065

8.7479, 21.2709,
-34.7686

122.6484, 33.1470,
-37.8440

0.0000, INF, -NF

0.0000, NaN, -NF

136.7472, 33.6914,

-38.2322

0.0000, NaN, NaN

151.3483, 34.1700,
-38.5717

0.0000, NaN, NaN

■ 49.8319, 28.1854,
-34.5468

■ 49.8319, 28.1854,
-34.5468

■ 44.4206, 36.2043,
-45.7506

■ 55.6827, 20.2185,
-24.1733

■ 39.5417, 44.0616,
-57.7200

■ 61.8948, 12.3964,
-14.5770

■ 35.3127, 51.3317,
-70.1214

■ 68.4114, 4.7420,
-5.6533

■ 31.8600, 57.3220,
-82.1986

■ 75.1879, -2.7522,
2.7076

■ 29.2863, 61.1684,
-92.7543

■ 82.1900, -10.1063,
10.6057

■ 27.7353, 62.7018,
-99.9393

■ 89.3903, -17.3439,
18.1267

■ 95.8656, -23.1642,
24.4905

■ 96.6283, -20.3791,
25.2790

■ 97.4236, -17.5000,
26.0963

Harmonies

Analogous

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



49.8329, 6.8432, -51.4563



49.8319, 28.1854, -34.5468



49.8329, 42.4079, -9.9006

Triad

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



49.8329, 28.1845, -34.5453



49.8329, 9.7254, 27.3145



49.8329, -36.3549, -6.8221

Complementary

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



49.8319, 28.1854, -34.5468



70.6599, -29.1133, 28.9082

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.



49.8329, -35.8459, 12.7026



49.8319, 28.1854, -34.5468



49.8329, -11.5035, 27.5697

Square

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



49.8329, 28.1845, -34.5453



49.8329, 30.5948, 22.5276



49.8329, -27.4536, 23.4799



49.8329, -28.9840, -31.5003

Rectangle

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



49.8319, 28.1854, -34.5468



49.8329, 44.6863, 4.7282



49.8329, -27.4536, 23.4799



49.8329, -37.0582, 0.6090

Sweetspot

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



49.8329, 28.1845, -34.5453



88.3051, 7.5864, -8.9757



56.0144, -3.8023, -24.0410



39.9616, 4.5412, -5.3407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8329, 28.1845, -34.5453



58.8629, 46.2323, -58.2137



54.0028, 39.3779, -23.8981



32.5195, 1.3555, -1.6660



22.1172, 49.8645, -78.6383



5.2346, 11.3628, -15.2093

Inverse Universe

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



52.4158, 31.8300, -1.7266



63.2572, 51.5833, -2.4467



68.5137, -37.3440, 25.8535



32.7311, 1.7533, 1.0658



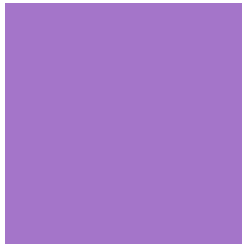
28.7646, 50.8816, 6.0189



6.3741, 11.4898, -0.3314

Previews

White Background



This preview shows how the HunterLab color 49.8319, 28.1854, -34.5468 looks on a white background.

Color Contrast Check

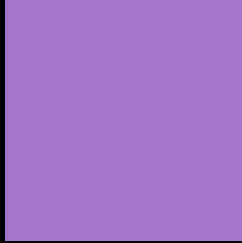
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.8319, 28.1854, -34.5468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

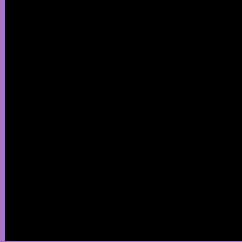
Any Text WCAG AA ✓ Pass

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 49.8319, 28.1854, -34.5468 Background



This preview shows how black text looks on a background with the HunterLab color 49.8319, 28.1854, -34.5468.



This preview shows how white text looks on a background with the HunterLab color 49.8319, 28.1854,

-34.5468.

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

49.8319, 28.1854, -34.5468

Protanopia

50.0722, 8.1386, -45.9286

Deuteranopia

50.1500, 3.6844, -31.4838



Tritanopia

49.7280, 6.4569, 1.1735

Trichromacy



Original Color

49.8319, 28.1854, -34.5468

Protanomaly

49.6523, 14.5933, -42.7392

Deuteranomaly

49.6823, 12.0710, -32.9325

Tritanomaly

49.5429, 14.0229, -10.1339

Monochromacy



Original Color

49.8319, 28.1854, -34.5468

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

50.5336, 7.8447, -9.3786

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8319, 28.1854, -34.5468 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(164, 117, 201)` looks like.

```
.text, #text, p{  
    color:rgb(164, 117, 201)  
}
```

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(164, 117, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 117, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8319, 28.1854, -34.5468 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(164, 117, 201) }
```


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

```
.border{ border-color:rgb(164, 117, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 117, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 117, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 117, 201);  
box-shadow:4px 4px 4px 4px rgb(164, 117,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8319, 28.1854, -34.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 117, 201) }
```

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

```
.background{ background-color: rgb(164,  
117, 201) }
```

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