

Converting Colors

HunterLab(49.9114, 18.9073,
-37.2526)

Have a look what the booklet for
HunterLab(49.9114, 18.9073,
-37.2526) contains.

HunterLab(50.0043, 19.0644, -37.3369)	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(50.0043, 19.0644,
-37.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	907DCD
RGB	144, 125, 205
RGB Percent	56%, 49%, 80%
CMY	0.4353, 0.5098, 0.1961
CMYK	0.30, 0.39, 0.00, 0.20
HSL	254°, 44%, 65%
HSV	254°, 39%, 80%
XYZ	29.8546, 25.0043, 61.0104
YIQ	139.8010, -14.3560, 28.9080

Conversions

Conversions Part 2

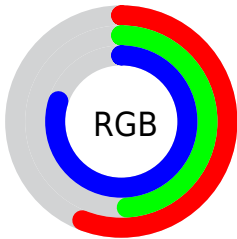
Format	Color
RYB	144, 125, 205
Decimal	9469389
CIELab	57.08, 24.88, -38.88
CIELCh	57, 46.164, 302.617
Yxy	25.0053, 0.2577, 0.2158
Android (android.graphics.Color)	4287659469 (0xFF907DCD)
YUV	139.8010, 32.1431, 3.6825
Hunter-Lab	50.0043, 19.0644, -37.3369

Details

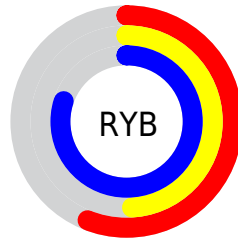
The HunterLab color $50.0043, 19.0644, -37.3369$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $74.5539, -20.8535, 30.1443$, and the grayscale version is $51.0120, -2.7219, 2.7716$.

A 20% lighter version of the original color is $71.5562, 18.2717, -33.9776$, and $30.9759, 17.2701, -35.8394$ is the 20% darker color. If you saturate the color by 10%, you get $43.6211, 25.8772, -51.1729$, and if you desaturate by 10%, it is $56.7878, 12.6670, -25.0889$.

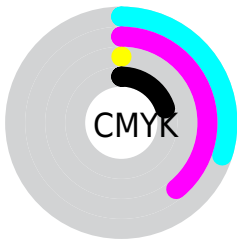
Distribution



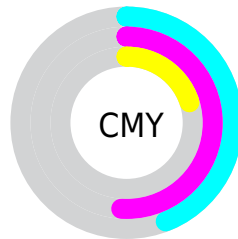
- Red (56%)
- Green (49%)
- Blue (80%)



- Red (56%)
- Yellow (49%)
- Blue (80%)



- Cyan (30%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0043, 19.0644, -37.3369 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 50.0043, 19.0644, -37.3369 by changing the saturation by 10% instead.

50.0043, 19.0644,
-37.3369

50.0043, 19.0644,
-37.3369

166.6926, 22.2055,
-42.0295

40.1011, 18.2984,
-36.6932

71.8789, 20.2869,
-38.6480

30.9540, 17.4120,
-36.1397

83.7680, 20.7654,
-39.2662

22.6326, 16.3882,
-35.8223

96.2487, 21.1665,
-39.8439

15.2290, 15.2109,
-36.1014

109.2942, 21.4965,
-40.3764

8.8536, 13.9961,
-38.1922

122.8810, 21.7611,
-40.8614

0.0000, INF, -NF

0.0000, NaN, -NF

136.9884, 21.9648,

-41.2984

0.0000, NaN, NaN

151.5978, 22.1118,
-41.6875

0.0000, NaN, NaN

■ 50.0043, 19.0644,
-37.3369

■ 50.0043, 19.0644,
-37.3369

■ 43.6211, 25.8772,
-51.1729

■ 56.7878, 12.6670,
-25.0889

■ 37.7391, 33.1261,
-66.9063

■ 63.8952, 6.6198,
-14.1074

■ 32.5056, 40.6770,
-84.6084

■ 71.2747, 0.8505,
-4.1121

■ 28.1181, 48.0352,
-103.6219

■ 78.8875, -4.7036,
5.1181

■ 24.8072, 54.1051,
-121.8104

■ 86.7042, -10.0939,
13.7540

■ 22.6603, 57.7646,
-136.1479

■ 94.7023, -15.3607,
21.9258

■ 22.4790, 58.1040,
-137.4721

■ 98.4325, -13.6892,
25.6239

■ 98.5839, -13.1500,
25.7801

Harmonies

Analogous

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



50.0053, -0.9566, -47.2778



50.0043, 19.0644, -37.3369



50.0053, 34.9457, -16.5021

Triad

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



50.0053, 19.0639, -37.3355



50.0053, 15.6669, 25.0897



50.0053, -34.7425, 1.0748

Complementary

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



50.0043, 19.0644, -37.3369



74.5539, -20.8535, 30.1443

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.



50.0053, -31.6677, 16.4459



50.0043, 19.0644, -37.3369



50.0053, -4.3623, 26.7767

Square

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



50.0053, 19.0639, -37.3355



50.0053, 32.7837, 18.3188



50.0053, -21.2293, 24.3340



50.0053, -30.3693, -20.4287

Rectangle

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



50.0043, 19.0644, -37.3369



50.0053, 39.9554, -2.0558



50.0053, -21.2293, 24.3340



50.0053, -34.5452, 7.0703

Sweetspot

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



50.0053, 19.0639, -37.3355



88.2308, 3.3661, -9.1488



66.3528, -16.2938, -11.0091



40.2391, 2.0067, -5.0068

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0053, 19.0639, -37.3355



56.9574, 31.8409, -62.8279



54.0602, 31.0017, -29.4911



33.1217, 0.4943, -2.0837



17.8397, 45.9320, -107.7036



4.4742, 10.8260, -21.6344

Inverse Universe

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



55.8501, 34.4958, -14.2975



66.4456, 54.9138, -22.6420



71.6139, -31.9861, 27.5042



33.6993, 2.3065, -0.2183



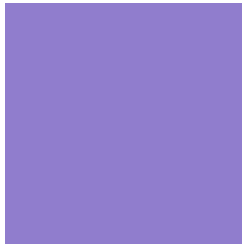
30.9779, 57.9451, -17.9247



7.1159, 13.4444, -5.1545

Previews

White Background



This preview shows how the HunterLab color 50.0043, 19.0644, -37.3369 looks on a white background.

Color Contrast Check

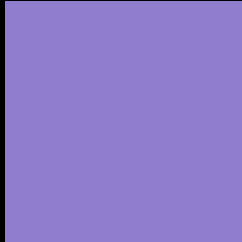
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0043, 19.0644, -37.3369 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 50.0043, 19.0644, -37.3369 Background



This preview shows how black text looks on a background with the HunterLab color 50.0043, 19.0644, -37.3369.



This preview shows how white text looks on a background with the HunterLab color 50.0043, 19.0644,

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

50.0043, 19.0644, -37.3369

Protanopia

50.0424, 7.7342, -43.6125

Deuteranopia

50.1081, 4.1039, -35.9048



Tritanopia

50.0160, -2.0045, -2.4274

Trichromacy



Original Color

50.0043, 19.0644, -37.3369

Protanomaly

49.9507, 11.3383, -41.3951

Deuteranomaly

49.9271, 9.2854, -36.9125

Tritanomaly

49.9580, 4.9910, -13.6765

Monochromacy



Original Color

50.0043, 19.0644, -37.3369

Achromatopsia

51.2104, -2.7325, 2.7824

Achromatomaly

50.6666, 4.1631, -9.8063

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0043, 19.0644, -37.3369 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(144, 125, 205)` looks like.

```
.text, #text, p{  
    color:rgb(144, 125, 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(144, 125, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 125, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0043, 19.0644, -37.3369 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(144, 125, 205) }
```


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

```
.border{ border-color:rgb(144, 125, 205) }
```

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

Here you see how a box with a 4 pixel rgb(144, 125, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 125, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 125, 205);  
box-shadow:4px 4px 4px 4px rgb(144, 125,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0043, 19.0644, -37.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 125, 205) }
```

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

```
.background{ background-color: rgb(144,  
125, 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