

Converting Colors

HunterLab(50.0705, 4.9171,
-3.4532)

Have a look what the booklet for
HunterLab(50.0705, 4.9171, -3.4532)
contains.

HunterLab(49.9075, 4.8989, -3.4402)	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(49.9075, 4.8989,
-3.4402)**

Conversions

Conversions Part 1

Format	Color
Hex	938496
RGB	147, 132, 150
RGB Percent	58%, 52%, 59%
CMY	0.4235, 0.4823, 0.4118
CMYK	0.02, 0.12, 0.00, 0.41
HSL	290°, 8%, 55%
HSV	290°, 12%, 59%
XYZ	25.7889, 24.9076, 32.3026
YIQ	138.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

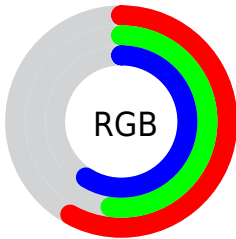
Format	Color
R_{YB}	147, 132, 150
Decimal	9667734
CIE _{Lab}	56.99, 9.10, -7.55
CIE _{LCh}	57, 11.826, 320.314
Yxy	24.9087, 0.3107, 0.3001
Android (android.graphics.Color)	4287857814 (0xFF938496)
YUV	138.5370, 5.6513, 7.4221
Hunter-Lab	49.9075, 4.8989, -3.4402

Details

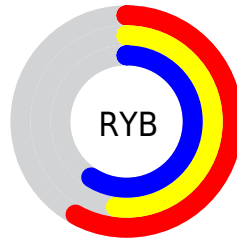
The HunterLab color $49.9075, 4.8989, -3.4402$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53.5072, -10.0247, 8.6050$, and the grayscale version is $50.6056, -2.7002, 2.7495$.

A 20% lighter version of the original color is $71.7461, 4.6517, -2.9177$, and $30.9421, 4.5160, -3.4736$ is the 20% darker color. If you saturate the color by 10%, you get $45.7164, 11.5805, -9.0488$, and if you desaturate by 10%, it is $54.3207, -1.6541, 1.9490$.

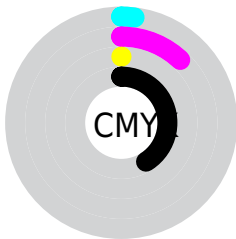
Distribution



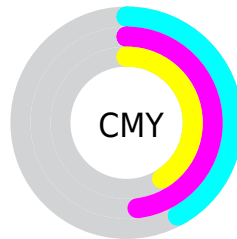
- Red (58%)
- Green (52%)
- Blue (59%)



- Red (58%)
- Yellow (52%)
- Blue (59%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)



- Cyan (42%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9075, 4.8989, -3.4402 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 49.9075, 4.8989, -3.4402 by changing the saturation by 10% instead.

■ 49.9075, 4.8989,
-3.4402

■ 49.9075, 4.8989,
-3.4402

166.5481, 2.2290,
0.1621

■ 40.0113, 4.9211,
-3.5943

■ 71.7698, 4.6511,
-2.9542

■ 30.8716, 4.8653,
-3.6820

■ 83.6531, 4.4415,
-2.6344

■ 22.5584, 4.7164,
-3.6929

■ 96.1284, 4.1809,
-2.2683

■ 15.1640, 4.4534,
-3.6151

109.1687, 3.8732,
-1.8591

■ 8.7945, 4.1484,
-3.4825

122.7505, 3.5217,
-1.4093

0.0000, NaN, -NF

0.0000, NaN, NaN

136.8531, 3.1289,

-0.9212

0.0000, NaN, NaN

151.4579, 2.6974,
-0.3969

0.0000, NaN, NaN

■ 49.9075, 4.8989,
-3.4402

■ 49.9075, 4.8989,
-3.4402

■ 45.7164, 11.5805,
-9.0488

■ 54.3207, -1.6541,
1.9490

■ 41.7807, 18.3633,
-14.8804

■ 58.9233, -8.0687,
7.1329

■ 38.1458, 25.1703,
-20.9027

■ 63.6924, -14.3534,
12.1355

■ 34.8647, 31.8551,
-27.0281

■ 68.6086, -20.5216,
16.9815

■ 31.9969, 38.1711,
-33.0826

■ 73.6560, -26.5884,
21.6943

■ 29.6034, 43.7571,
-38.7828

■ 78.8216, -32.5693,
26.2948

■ 27.7350, 48.1715,
-43.7499

■ 84.0946, -38.4785,
30.8015

■ 26.4139, 51.0119,
-47.5994

■ 89.4659, -44.3287,
35.2302

■ 25.6160, 52.4643,
-50.0829

■ 90.6714, -45.0136,
36.2152

Harmonies

Analogous

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



49.9086, 0.6930, -6.5752



49.9075, 4.8989, -3.4402



49.9086, 7.1006, 1.1640

Triad

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



49.9086, 4.8977, -3.4393



49.9086, -1.0488, 10.8672



49.9086, -11.3090, -0.5410

Complementary

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



49.9075, 4.8989, -3.4402



53.5072, -10.0247, 8.6050

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.



49.9086, -11.7343, 4.2210



49.9075, 4.8989, -3.4402



49.9086, -5.9378, 10.5069

Square

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



49.9086, 4.8977, -3.4393



49.9086, 3.5799, 9.2139



49.9086, -9.8038, 8.1763



49.9086, -8.6184, -4.7917

Rectangle

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



49.9075, 4.8989, -3.4402



49.9086, 7.0810, 4.3159



49.9086, -9.8038, 8.1763



49.9086, -11.7174, 1.0627

Sweetspot

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



49.9086, 4.8977, -3.4393



70.9204, -0.4016, 1.1232



49.5182, -1.1247, -4.0555



33.1916, 0.0952, 0.2962



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.9086, 4.8977, -3.4393



65.0049, 8.5138, -6.2398



50.0105, 4.8780, -0.5234



24.2091, 1.4419, -0.9022



23.3538, 47.8140, -45.5280



2.7785, 5.5628, -4.4407

Inverse Universe

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



49.7363, 3.4134, 3.3808



64.7351, 6.1738, 4.6229



53.4277, -10.0121, 6.1886



24.1459, 0.9019, 1.5489



23.3225, 40.2049, 13.0206



2.6372, 4.6575, 0.6089

Previews

White Background



This preview shows how the HunterLab color 49.9075, 4.8989, -3.4402 looks on a white background.

Color Contrast Check

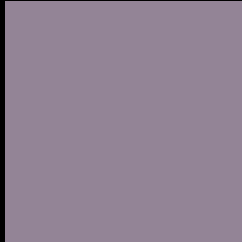
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9075, 4.8989, -3.4402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

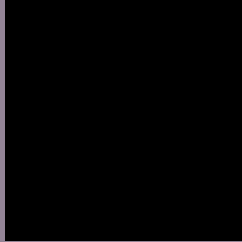
Any Text WCAG AA ✓ Pass

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 49.9075, 4.8989, -3.4402 Background



This preview shows how black text looks on a background with the HunterLab color 49.9075, 4.8989, -3.4402.



This preview shows how white text looks on a background with the HunterLab color 49.9075, 4.8989, -3.4402.

-3.4402.

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

49.9075, 4.8989, -3.4402

Protanopia

50.0262, -0.2575, -4.3852

Deuteranopia

49.9063, 3.4914, -3.4664



Tritanopia

49.8996, 3.0914, -0.5490

Trichromacy



Original Color

49.9075, 4.8989, -3.4402

Protanomaly

50.0513, 1.2028, -3.8201

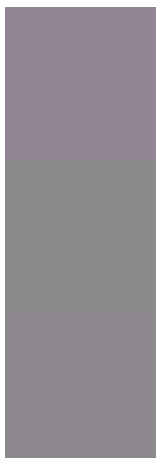
Deuteranomaly

49.9968, 3.7949, -3.3432

Tritanomaly

49.9614, 3.4226, -1.4259

Monochromacy



Original Color

49.9075, 4.8989, -3.4402

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.3411, 0.2555, 0.4183

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9075, 4.8989, -3.4402 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(147, 132, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 132, 150)  
}
```

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(147, 132, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 132, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9075, 4.8989, -3.4402 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(147, 132, 150) }
```


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

```
.border{ border-color:rgb(147, 132, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 132, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 132, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 132, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 132,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9075, 4.8989, -3.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 132, 150) }
```

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

```
.background{ background-color: rgb(147,  
132, 150) }
```

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