

Converting Colors

HunterLab(39.4969, 46.6712,
-32.2405)

Have a look what the booklet for
HunterLab(39.4969, 46.6712,
-32.2405) contains.

HunterLab(39.5062, 46.5062, -31.9171)	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(39.5062, 46.5062,
-31.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	A846AA
RGB	168, 70, 170
RGB Percent	66%, 27%, 67%
CMY	0.3412, 0.7255, 0.3333
CMYK	0.01, 0.59, 0.00, 0.33
HSL	299°, 42%, 47%
HSV	299°, 59%, 67%
XYZ	25.5943, 15.6074, 39.6937
YIQ	110.7020, 26.3080, 51.8760

Conversions

Conversions Part 2

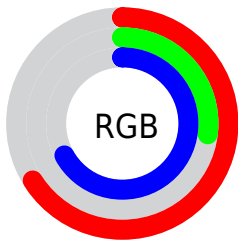
Format	Color
R_{YB}	168, 70, 170
Decimal	11028138
CIE _{Lab}	46.46, 53.67, -35.19
CIE _{LCh}	46, 64.181, 326.749
Yxy	15.6081, 0.3164, 0.1929
Android (android.graphics.Color)	4289218218 (0xFFA846AA)
YUV	110.7020, 29.2339, 50.2503
Hunter-Lab	39.5062, 46.5062, -31.9171

Details

The HunterLab color **39.5062, 46.5062, -31.9171** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **55.2899, -38.1508, 27.1871**, and the grayscale version is **39.6415, -2.1152, 2.1538**.

A 20% lighter version of the original color is **59.9282, 49.9708, -33.3830**, and **22.1441, 42.4625, -30.6722** is the 20% darker color. If you saturate the color by 10%, you get **37.0629, 53.6431, -37.0606**, and if you desaturate by 10%, it is **42.5226, 38.4443, -26.1512**.

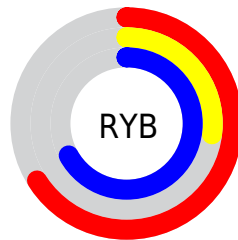
Distribution



Red (66%)

Green (27%)

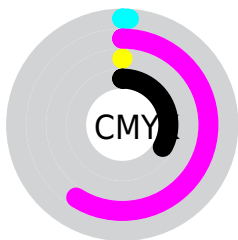
Blue (67%)



Red (66%)

Yellow (27%)

Blue (67%)

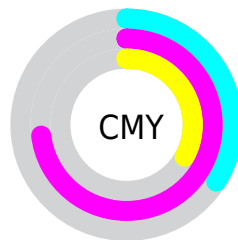


Cyan (1%)

Magenta (59%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (73%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.5062, 46.5062, -31.9171 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 39.5062, 46.5062, -31.9171 by changing the saturation by 10% instead.

39.5062, 46.5062,
-31.9171

39.5062, 46.5062,
-31.9171

150.6712, 59.8441,
-36.3285

30.4093, 44.5287,
-31.3330

59.9304, 50.1701,
-33.1668

22.1423, 42.5137,
-30.9098

71.1568, 51.8416,
-33.7599

14.7998, 40.6157,
-30.9312

83.0079, 53.4079,
-34.3111

8.4542, 39.8961,
-32.6172

95.4525, 54.8738,
-34.8147

0.0000, INF, -NF

0.0000, NaN, -NF

108.4635, 56.2451,
-35.2684

0.0000, NaN, NaN

122.0171, 57.5271,

0.0000, NaN, NaN

-35.6715

0.0000, NaN, NaN

136.0926, 58.7251,
-36.0246

■ 39.5062, 46.5062,
-31.9171

■ 39.5062, 46.5062,
-31.9171

■ 37.0629, 53.6431,
-37.0606

■ 42.5226, 38.4443,
-26.1512

■ 35.2347, 59.3721,
-41.2435

■ 46.0473, 29.8970,
-20.0699

■ 34.0318, 63.2901,
-44.1780

■ 50.0154, 21.1827,
-13.8924

■ 33.3501, 65.4801,
-45.9141

■ 54.3650, 12.5049,
-7.7573

■ 33.2783, 65.7111,
-46.1002

■ 59.0417, 3.9758,
-1.7396

■ 63.9997, -4.3539,
4.1283

■ 69.2011, -12.4709,
9.8395

■ 74.6148, -20.3827,
15.4009

■ 80.2152, -28.1069,
20.8265

Harmonies

Analogous

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



39.5071, 21.8647, -64.0920



39.5062, 46.5062, -31.9171



39.5071, 58.0481, -0.5240

Triad

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



39.5071, 46.5046, -31.9156



39.5071, 0.6453, 25.9614



39.5071, -36.4521, -24.3733

Complementary

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



39.5062, 46.5062, -31.9171



55.2899, -38.1508, 27.1871

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.



39.5071, -39.4838, 4.6501



39.5062, 46.5062, -31.9171



39.5071, -21.4544, 25.0446

Square

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



39.5071, 46.5046, -31.9156



39.5071, 27.7609, 24.4369



39.5071, -34.7388, 19.8737



39.5071, -25.1092, -58.1536

Rectangle

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



39.5062, 46.5062, -31.9171



39.5071, 55.0727, 13.1645



39.5071, -34.7388, 19.8737



39.5071, -38.3332, -13.3781

Sweetspot

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



39.5071, 46.5046, -31.9156



73.5310, 16.2701, -10.0438



30.0235, 19.9125, -56.2530



33.9118, 9.2436, -5.8451



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



39.5071, 46.5046, -31.9156



48.9739, 75.1792, -52.0431



37.9017, 38.9975, -5.4484



27.6747, 2.0522, -0.9465



28.5474, 56.3666, -39.5247



4.4787, 8.8296, -6.0963

Inverse Universe

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



36.5990, 33.1924, 13.2003



44.2966, 55.2922, 21.0531



55.9718, -33.8740, 16.1771



27.4675, 0.9114, 2.2203



25.0860, 42.9863, 16.0097



3.9223, 6.7399, 2.3579

Previews

White Background



This preview shows how the HunterLab color 39.5062, 46.5062, -31.9171 looks on a white background.

Color Contrast Check

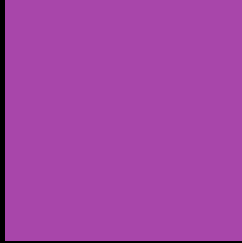
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5062, 46.5062, -31.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

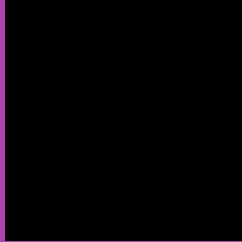
Any Text WCAG AA × Fail

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 39.5062, 46.5062, -31.9171 Background



This preview shows how black text looks on a background with the HunterLab color 39.5062, 46.5062, -31.9171.



This preview shows how white text looks on a background with the HunterLab color 39.5062, 46.5062, -31.9171.

-31.9171.

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

39.5062, 46.5062, -31.9171

Protanopia

39.8336, 11.3160, -60.2866

Deuteranopia

39.8383, 2.9195, -26.9696



Tritanopia

39.4288, 22.0491, 7.6759

Trichromacy



Original Color

39.5062, 46.5062, -31.9171



Protanomaly

38.1058, 21.2522, -53.7404



Deuteranomaly

38.3660, 18.0537, -31.7947



Tritanomaly

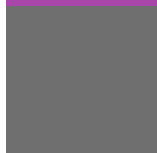
39.1448, 30.1368, -4.2338

Monochromacy



Original Color

39.5062, 46.5062, -31.9171



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

38.6487, 14.8676, -9.4131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.5062, 46.5062, -31.9171 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(168, 70, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 70, 170)  
}
```

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(168, 70, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 70, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 39.5062, 46.5062, -31.9171 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(168, 70, 170) }
```


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

```
.border{ border-color:rgb(168, 70, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 70, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 70, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 70, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 70,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.5062, 46.5062, -31.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 70, 170) }
```

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

```
.background{ background-color: rgb(168, 70,  
170) }
```

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