

Converting Colors

HunterLab(33.1013, 49.0753,
-36.7651)

Have a look what the booklet for
HunterLab(33.1013, 49.0753,
-36.7651) contains.

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Color

**HunterLab(33.1691, 49.1055,
-36.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	972E9E
RGB	151, 46, 158
RGB Percent	59%, 18%, 62%
CMY	0.4078, 0.8196, 0.3804
CMYK	0.04, 0.71, 0.00, 0.38
HSL	296°, 55%, 40%
HSV	296°, 71%, 62%
XYZ	19.9110, 11.0019, 33.4218
YIQ	90.1630, 26.6280, 57.0920

Conversions

Conversions Part 2

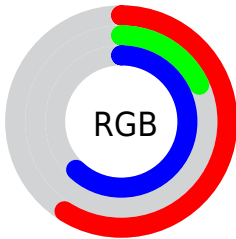
Format	Color
R_{YB}	151, 46, 158
Decimal	9907870
CIE _{Lab}	39.58, 57.37, -39.08
CIE _{LCh}	40, 69.412, 325.738
Yxy	11.0024, 0.3095, 0.1710
Android (android.graphics.Color)	4288097950 (0xFF972E9E)
YUV	90.1630, 33.4436, 53.3540
Hunter-Lab	33.1691, 49.1055, -36.5234

Details

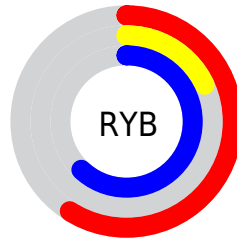
The HunterLab color **33.1691, 49.1055, -36.5234** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50.4064, -37.9666, 27.3547**, and the grayscale version is **31.9100, -1.7026, 1.7337**.

A 20% lighter version of the original color is **52.6467, 52.8948, -37.5277**, and **18.7814, 37.7042, -30.8127** is the 20% darker color. If you saturate the color by 10%, you get **31.4530, 54.0406, -40.6496**, and if you desaturate by 10%, it is **35.4499, 42.8492, -31.5076**.

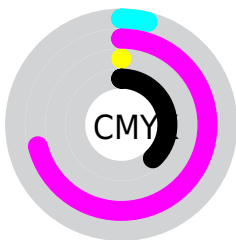
Distribution



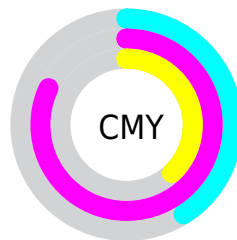
- Red (59%)
- Green (18%)
- Blue (62%)



- Red (59%)
- Yellow (18%)
- Blue (62%)



- Cyan (4%)
- Magenta (71%)
- Yellow (0%)
- Black (38%)














- Cyan (41%)
- Magenta (82%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1691, 49.1055, -36.5234 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 33.1691, 49.1055, -36.5234 by changing the saturation by 10% instead.

 33.1691, 49.1055, -36.5234	 33.1691, 49.1055, -36.5234
140.6001, 64.0750, -41.6820	 24.6342, 47.0204, -36.1301
 52.5971, 53.1172, -37.7579	 16.9904, 45.0419, -36.2176
 63.3732, 54.9803, -38.4218	 10.3580, 43.6128, -37.6004
 74.7987, 56.7385, -39.0676	0.0000, INF, -NF
 86.8387, 58.3937, -39.6798	0.0000, NaN, -NF
 99.4632, 59.9500, -40.2504	0.0000, NaN, NaN
 112.6463, 61.4122,	0.0000, NaN, NaN

-40.7752

126.3653, 62.7856,
-41.2526

■ 33.1691, 49.1055,
-36.5234

■ 33.1691, 49.1055,
-36.5234

■ 31.4530, 54.0406,
-40.6496

■ 35.4499, 42.8492,
-31.5076

■ 30.3080, 57.2918,
-43.6019

■ 38.2509, 35.7263,
-25.9446

■ 29.6248, 59.0661,
-45.4510

■ 41.5150, 28.1367,
-20.1239

■ 45.1811, 20.3747,
-14.2522

■ 49.1922, 12.6270,
-8.4549

■ 53.4990, 4.9966,
-2.7961

■ 58.0597, -2.4691,
2.6996

■ 62.8400, -9.7568,
8.0305

■ 67.8119, -16.8719,
13.2073

Harmonies

Analogous

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



33.1698, 22.2527, -73.3987



33.1691, 49.1055, -36.5234



33.1698, 62.4542, -1.8420

Triad

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



33.1698, 49.1042, -36.5220



33.1698, 1.9424, 23.2189



33.1698, -35.3328, -25.4209

Complementary

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



33.1691, 49.1055, -36.5234



50.4064, -37.9666, 27.3547

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.



33.1698, -37.8130, 5.0807



33.1691, 49.1055, -36.5234



33.1698, -20.4516, 22.5037

Square

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



33.1698, 49.1042, -36.5220



33.1698, 30.5002, 21.8590



33.1698, -33.2891, 18.7708



33.1698, -25.0609, -64.2607

Rectangle

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



33.1691, 49.1055, -36.5234



33.1698, 59.6548, 12.1088



33.1698, -33.2891, 18.7708



33.1698, -36.9421, -13.4562

Sweetspot

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



33.1698, 49.1042, -36.5220



65.9955, 17.5630, -11.8012



23.7464, 23.0379, -65.7303



30.6544, 9.6185, -6.5577



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



33.1698, 49.1042, -36.5220



41.4021, 75.6525, -57.2876



32.1523, 42.9056, -6.3609



25.9489, 1.8007, -0.9022



26.5240, 52.8771, -40.6415



3.6261, 7.1847, -5.2140

Inverse Universe

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



30.7905, 37.2520, 13.1386



37.8769, 58.6626, 20.9444



50.8454, -34.9214, 18.2233



25.7925, 0.8785, 1.9569



24.1689, 41.4709, 14.9901



3.2587, 5.6449, 1.6073

Previews

White Background



This preview shows how the HunterLab color 33.1691, 49.1055, -36.5234 looks on a white background.

Color Contrast Check

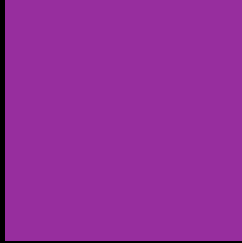
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1691, 49.1055, -36.5234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

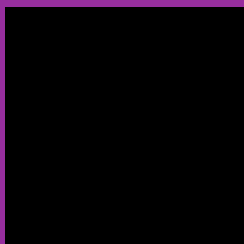
Any Text WCAG AA × Fail

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 33.1691, 49.1055, -36.5234 Background



This preview shows how black text looks on a background with the HunterLab color 33.1691, 49.1055, -36.5234.



This preview shows how white text looks on a background with the HunterLab color 33.1691, 49.1055, -36.5234.

-36.5234.

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

33.1691, 49.1055, -36.5234

Protanopia

33.6637, 11.9650, -67.9056

Deuteranopia

33.5135, 2.5726, -30.3511



Tritanopia

33.1329, 21.4396, 7.8937

Trichromacy



Original Color

33.1691, 49.1055, -36.5234

Protanomaly

30.2319, 19.8941, -65.7065

Deuteranomaly

31.6028, 18.2338, -36.7474

Tritanomaly

32.6133, 31.0915, -4.6473

Monochromacy



Original Color

33.1691, 49.1055, -36.5234

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

30.9517, 16.3387, -11.7114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1691, 49.1055, -36.5234 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(151, 46, 158)` looks like.

```
.text, #text, p{  
    color:rgb(151, 46, 158)  
}
```

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(151, 46, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 46, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1691, 49.1055, -36.5234 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(151, 46, 158) }
```


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

```
.border{ border-color:rgb(151, 46, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 46, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 46, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 46, 158);  
box-shadow:4px 4px 4px 4px rgb(151, 46,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1691, 49.1055, -36.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 46, 158) }
```

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

```
.background{ background-color: rgb(151, 46,  
158) }
```

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](#).

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