

Converting Colors

HunterLab(33.5425, 37.4237,
-16.5917)

Have a look what the booklet for
HunterLab(33.5425, 37.4237,
-16.5917) contains.

HunterLab(33.5559, 37.5972, -16.6051)	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(33.5559, 37.5972,
-16.6051)**

Conversions

Conversions Part 1

Format	Color
Hex	953C83
RGB	149, 60, 131
RGB Percent	58%, 24%, 51%
CMY	0.4157, 0.7647, 0.4863
CMYK	0.00, 0.60, 0.12, 0.42
HSL	312°, 43%, 41%
HSV	312°, 60%, 58%
XYZ	18.1070, 11.2600, 22.6918
YIQ	94.7050, 30.2530, 40.9490

Conversions

Conversions Part 2

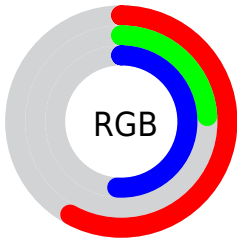
Format	Color
R_{YB}	149, 60, 131
Decimal	9780355
CIE _{Lab}	40.02, 46.25, -22.00
CIE _{LCh}	40, 51.219, 334.565
Yxy	11.2605, 0.3478, 0.2163
Android (android.graphics.Color)	4287970435 (0xFF953C83)
YUV	94.7050, 17.8934, 47.6167
Hunter-Lab	33.5559, 37.5972, -16.6051

Details

The HunterLab color **33.5559, 37.5972, -16.6051** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47.9646, -31.8869, 20.0866**, and the grayscale version is **33.6470, -1.7953, 1.8281**.

A 20% lighter version of the original color is **52.9416, 40.9456, -17.4459**, and **17.3982, 33.2095, -15.2264** is the 20% darker color. If you saturate the color by 10%, you get **31.3569, 43.2210, -18.5271**, and if you desaturate by 10%, it is **36.2360, 31.2075, -14.0374**.

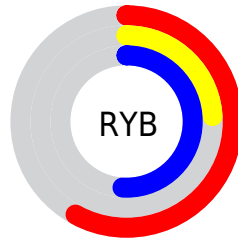
Distribution



Red (58%)

Green (24%)

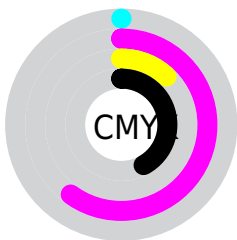
Blue (51%)



Red (58%)

Yellow (24%)

Blue (51%)

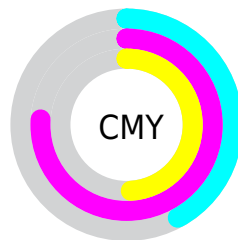


Cyan (0%)

Magenta (60%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5559, 37.5972, -16.6051 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 33.5559, 37.5972, -16.6051 by changing the saturation by 10% instead.

33.5559, 37.5972,
-16.6051

33.5559, 37.5972,
-16.6051

141.2254, 49.2608,
-18.3615

24.9847, 35.7743,
-16.1206

53.0480, 40.9161,
-17.4129

17.3003, 33.9054,
-15.6294

63.8529, 42.4034,
-17.7231

10.6211, 32.1930,
-15.2663

75.3056, 43.7811,
-17.9707

0.4187, 495.9959,
-235.0509

87.3714, 45.0561,
-18.1579

0.0000, INF, -NF

0.0000, NaN, NaN

100.0205, 46.2354,
-18.2878

0.0000, NaN, NaN

113.2272, 47.3254,

0.0000, NaN, NaN

-18.3631

0.0000, NaN, NaN

126.9689, 48.3321,
-18.3868

■ 33.5559, 37.5972,
-16.6051

■ 33.5559, 37.5972,
-16.6051

■ 31.3569, 43.2210,
-18.5271

■ 36.2360, 31.2075,
-14.0374

■ 29.6792, 47.6824,
-19.6185

■ 39.3395, 24.4071,
-11.0169

■ 28.5378, 50.6372,
-19.7548

■ 42.8105, 17.4484,
-7.6988

■ 27.8011, 52.3151,
-19.1376

■ 46.5967, 10.4919,
-4.1970

■ 27.7818, 52.3594,
-19.1197

■ 50.6529, 3.6267,
-0.5884

■ 54.9413, -3.1060,
3.0786

■ 59.4306, -9.6936,
6.7745

■ 64.0955, -16.1397,
10.4827

■ 68.9151, -22.4558,
14.1942

Harmonies

Analogous

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



33.5567, 21.3361, -40.7551



33.5559, 37.5972, -16.6051



33.5567, 42.4996, 4.4553

Triad

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



33.5567, 37.5955, -16.6040



33.5567, -4.6273, 21.2211



33.5567, -26.7198, -24.2004

Complementary

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



33.5559, 37.5972, -16.6051



47.9646, -31.8869, 20.0866

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.



33.5567, -30.8099, -1.0337



33.5559, 37.5972, -16.6051



33.5567, -19.9730, 19.6181

Square

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



33.5567, 37.5955, -16.6040



33.5567, 15.2296, 20.4248



33.5567, -28.6439, 13.5137



33.5567, -15.9787, -46.5849

Rectangle

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



33.5559, 37.5972, -16.6051



33.5567, 37.9263, 13.2279



33.5567, -28.6439, 13.5137



33.5567, -28.7958, -15.8926

Sweetspot

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



33.5567, 37.5955, -16.6040



63.0771, 12.7790, -4.9648



26.4831, 22.1801, -46.9506



29.0352, 7.1765, -2.9352



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.



33.5567, 37.5955, -16.6040



41.0409, 60.2784, -25.4806



32.1015, 31.2266, 3.7910



24.2679, 1.5575, -0.1882



25.4955, 48.0645, -17.6538



2.8923, 5.5696, -2.9102

Inverse Universe

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



33.5567, 37.5955, -16.6040



41.0409, 60.2784, -25.4806



48.8554, -26.5167, 7.1762



24.2679, 1.5575, -0.1882



25.4955, 48.0645, -17.6538



2.8923, 5.5696, -2.9102

Previews

White Background



This preview shows how the HunterLab color 33.5559, 37.5972, -16.6051 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 33.5559, 37.5972, -16.6051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

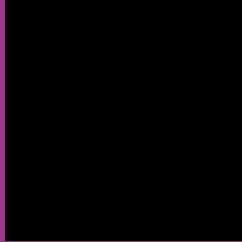
Any Text WCAG AA × Fail

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 33.5559, 37.5972, -16.6051 Background



This preview shows how black text looks on a background with the HunterLab color 33.5559, 37.5972, -16.6051.



This preview shows how white text looks on a background with the HunterLab color 33.5559, 37.5972, -16.6051.

-16.6051.

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

33.5559, 37.5972, -16.6051

Protanopia

33.9504, 6.1491, -35.4636

Deuteranopia

33.9676, 2.0353, -13.4872



Tritanopia

33.5543, 22.6477, 8.0018

Trichromacy



Original Color

33.5559, 37.5972, -16.6051

Protanomaly

32.5029, 15.7081, -30.8040

Deuteranomaly

33.0274, 14.3210, -16.0592

Tritanomaly

33.3573, 27.9164, 0.5047

Monochromacy



Original Color

33.5559, 37.5972, -16.6051

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

32.8057, 12.2055, -5.2125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5559, 37.5972, -16.6051 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(149, 60, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 60, 131)  
}
```

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(149, 60, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 60, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5559, 37.5972, -16.6051 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(149, 60, 131) }
```


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

```
.border{ border-color:rgb(149, 60, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 60, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 60, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 60, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 60,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5559, 37.5972, -16.6051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 60, 131) }
```

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

```
.background{ background-color: rgb(149, 60,  
131) }
```

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