

Converting Colors

HunterLab(37.9039, 39.5126,
-5.1574)

Have a look what the booklet for
HunterLab(37.9039, 39.5126,
-5.1574) contains.

HunterLab(37.8738, 39.7538, -5.3014)	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(37.8738, 39.7538,
-5.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	AB457B
RGB	171, 69, 123
RGB Percent	67%, 27%, 48%
CMY	0.3294, 0.7294, 0.5176
CMYK	0.00, 0.60, 0.28, 0.33
HSL	328°, 42%, 47%
HSV	328°, 60%, 67%
XYZ	22.4979, 14.3442, 20.3218
YIQ	105.6540, 43.4580, 38.4180

Conversions

Conversions Part 2

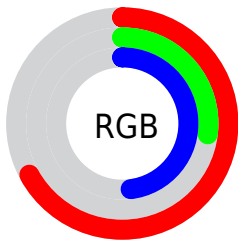
Format	Color
R_{YB}	171, 69, 123
Decimal	11224443
CIE _{Lab}	44.72, 47.56, -9.60
CIE _{LCh}	45, 48.515, 348.587
Yxy	14.3450, 0.3936, 0.2509
Android (android.graphics.Color)	4289414523 (0xFFAB457B)
YUV	105.6540, 8.5516, 57.3084
Hunter-Lab	37.8738, 39.7538, -5.3014

Details

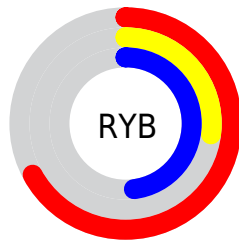
The HunterLab color **37.8738, 39.7538, -5.3014** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **56.2813, -34.3351, 16.3481**, and the grayscale version is **37.7910, -2.0164, 2.0533**.

A 20% lighter version of the original color is **58.0278, 43.0610, -4.9294**, and **20.7152, 35.9768, -5.1481** is the 20% darker color. If you saturate the color by 10%, you get **35.1315, 45.7789, -4.8999**, and if you desaturate by 10%, it is **41.1952, 32.9016, -4.9688**.

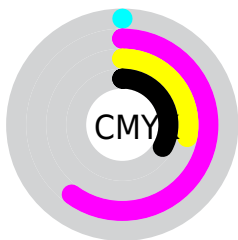
Distribution



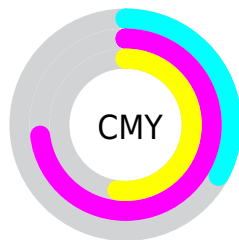
- Red (67%)
- Green (27%)
- Blue (48%)



- Red (67%)
- Yellow (27%)
- Blue (48%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (33%)



- Cyan (33%)
- Magenta (73%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.8738, 39.7538, -5.3014 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 37.8738, 39.7538, -5.3014 by changing the saturation by 10% instead.

37.8738, 39.7538, -5.3014

37.8738, 39.7538, -5.3014

148.1103, 51.4084, -2.9314

28.9154, 37.9348, -5.2732

58.0516, 43.0536, -5.1427

20.8010, 36.0446, -5.1636

69.1662, 44.5348, -4.9717

13.6308, 34.2031, -4.9620

80.9115, 45.9094, -4.7464

7.2314, 35.4820, -5.3327

93.2553, 47.1841, -4.4711

0.0000, INF, -NF

0.0000, NaN, NaN

106.1699, 48.3655, -4.1491

0.0000, NaN, NaN

119.6312, 49.4597,

0.0000, NaN, NaN

-3.7836

0.0000, NaN, NaN

133.6176, 50.4723,
-3.3769

■ 37.8738, 39.7538,
-5.3014

■ 37.8738, 39.7538,
-5.3014

■ 35.1315, 45.7789,
-4.8999

■ 41.1952, 32.9016,
-4.9688

■ 33.0275, 50.5035,
-3.6883

■ 45.0181, 25.6288,
-4.0293

■ 31.5899, 53.4993,
-1.6863

■ 49.2703, 18.2085,
-2.6092

■ 30.6972, 54.9097,
0.8428

■ 53.8868, 10.8055,
-0.8181

■ 30.6678, 54.9558,
0.9314

■ 58.8127, 3.5054,
1.2573

■ 64.0034, -3.6561,
3.5516

■ 69.4225, -10.6717,
6.0170

■ 75.0409, -17.5490,
8.6181

■ 80.8348, -24.3022,
11.3293

Harmonies

Analogous

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



37.8748, 28.6720, -28.0191



37.8738, 39.7538, -5.3014



37.8748, 38.1439, 11.3743

Triad

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



37.8748, 39.7514, -5.3003



37.8748, -12.7524, 22.2005



37.8748, -22.8795, -33.3150

Complementary

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



37.8738, 39.7538, -5.3014



56.2813, -34.3351, 16.3481

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.



37.8748, -30.2893, -10.4514



37.8738, 39.7538, -5.3014



37.8748, -25.2678, 18.3582

Square

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



37.8748, 39.7514, -5.3003



37.8748, 5.3105, 22.5374



37.8748, -31.0698, 8.1900



37.8748, -8.8376, -48.6825

Rectangle

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



37.8738, 39.7538, -5.3014



37.8748, 30.1496, 17.7247



37.8748, -31.0698, 8.1900



37.8748, -26.1020, -25.8556

Sweetspot

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



37.8748, 39.7514, -5.3003



72.9674, 13.1541, -0.7458



33.0934, 32.4985, -48.0662



33.5999, 7.5336, -0.7011



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.



37.8748, 39.7514, -5.3003



45.8917, 63.7932, -6.0969



36.5897, 34.0539, 13.0953



28.4316, 1.5739, 0.6413



26.6473, 47.7882, 0.5221



4.5660, 8.4087, -1.6184

Inverse Universe

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



37.8748, 39.7514, -5.3003



45.8917, 63.7932, -6.0969



57.6226, -26.3440, -2.8717



28.4316, 1.5739, 0.6413



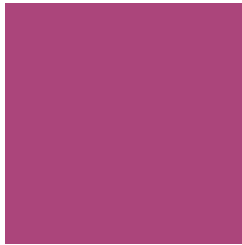
26.6473, 47.7882, 0.5221



4.5660, 8.4087, -1.6184

Previews

White Background



This preview shows how the HunterLab color 37.8738, 39.7538, -5.3014 looks on a white background.

Color Contrast Check

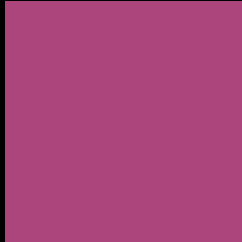
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.8738, 39.7538, -5.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

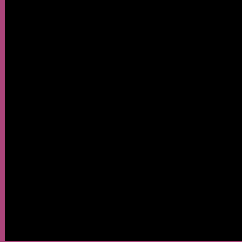
Any Text WCAG AA × Fail

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 37.8738, 39.7538, -5.3014 Background



This preview shows how black text looks on a background with the HunterLab color 37.8738, 39.7538, -5.3014.



This preview shows how white text looks on a background with the HunterLab color 37.8738, 39.7538, -5.3014.

-5.3014.

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

37.8738, 39.7538, -5.3014

Protanopia

38.2374, 3.1683, -19.8254

Deuteranopia

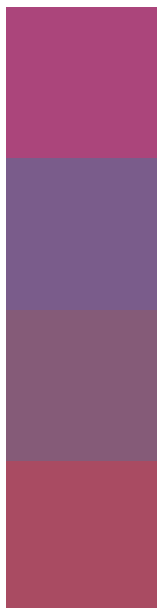
38.2797, 2.5011, -2.9152



Tritanopia

37.9449, 29.7227, 11.1147

Trichromacy



Original Color

37.8738, 39.7538, -5.3014

Protanomaly

36.9540, 15.0958, -16.1548

Deuteranomaly

37.1817, 15.6044, -5.1506

Tritanomaly

37.8801, 33.0573, 5.8339

Monochromacy



Original Color

37.8738, 39.7538, -5.3014

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.0734, 12.3741, -1.4543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.8738, 39.7538, -5.3014 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(171, 69, 123)` looks like.

```
.text, #text, p{  
    color:rgb(171, 69, 123)  
}
```

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(171, 69, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 69, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 37.8738, 39.7538, -5.3014 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(171, 69, 123) }
```


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

```
.border{ border-color:rgb(171, 69, 123) }
```

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

Here you see how a box with a 4 pixel rgb(171, 69, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 69, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 69, 123);  
box-shadow:4px 4px 4px 4px rgb(171, 69,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.8738, 39.7538, -5.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 69, 123) }
```

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

```
.background{ background-color: rgb(171, 69,  
123) }
```

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