

Converting Colors

HunterLab(42.0433, 3.7789,
-7.3664)

Have a look what the booklet for
HunterLab(42.0433, 3.7789, -7.3664)
contains.

HunterLab(41.9636, 3.8369, -7.5138)	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(41.9636, 3.8369,
-7.5138)**

Conversions

Conversions Part 1

Format	Color
Hex	787189
RGB	120, 113, 137
RGB Percent	47%, 44%, 54%
CMY	0.5294, 0.5569, 0.4627
CMYK	0.12, 0.18, 0.00, 0.46
HSL	257°, 10%, 49%
HSV	257°, 18%, 54%
XYZ	18.1662, 17.6094, 26.1084
YIQ	117.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

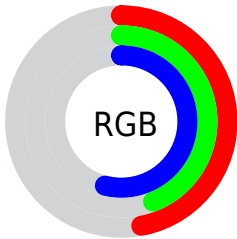
Format	Color
R_{YB}	120, 113, 137
Decimal	7893385
CIE Lab	49.02, 7.76, -12.15
CIE LCh	49, 14.415, 302.559
Yxy	17.6102, 0.2936, 0.2846
Android (android.graphics.Color)	4286083465 (0xFF787189)
YUV	117.8290, 9.4513, 1.9040
Hunter-Lab	41.9636, 3.8369, -7.5138

Details

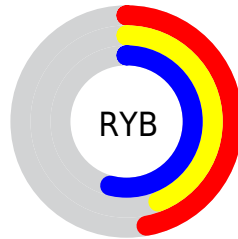
The HunterLab color $41.9636, 3.8369, -7.5138$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48.8158, -8.1533, 10.9615$, and the grayscale version is $42.4636, -2.2658, 2.3071$.

A 20% lighter version of the original color is $62.7683, 3.2321, -7.2815$, and $24.1004, 3.8122, -7.2652$ is the 20% darker color. If you saturate the color by 10%, you get $37.5784, 7.7372, -14.0503$, and if you desaturate by 10%, it is $46.5090, 0.0791, -1.5111$.

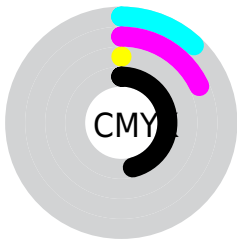
Distribution



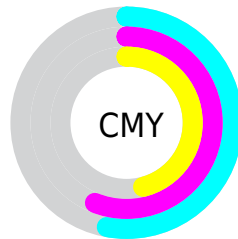
- Red (47%)
- Green (44%)
- Blue (54%)



- Red (47%)
- Yellow (44%)
- Blue (54%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (46%)



- Cyan (53%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9636, 3.8369, -7.5138 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 41.9636, 3.8369, -7.5138 by changing the saturation by 10% instead.

■ 41.9636, 3.8369,
-7.5138

■ 41.9636, 3.8369,
-7.5138

■ 154.4877, 0.9841,
-5.8189

■ 32.6657, 3.8738,
-7.4065

■ 62.7471, 3.5534,
-7.5145

■ 24.1779, 3.8275,
-7.2203

■ 74.1369, 3.3237,
-7.4217

■ 16.5876, 3.6798,
-6.9493

■ 86.1430, 3.0424,
-7.2732

■ 10.0170, 3.4026,
-6.6020

■ 98.7352, 2.7136,
-7.0731

0.0000, INF, -NF

0.0000, NaN, NaN

■ 111.8875, 2.3408,
-6.8248

0.0000, NaN, NaN

■ 125.5768, 1.9267,

0.0000, NaN, NaN

-6.5313

0.0000, NaN, NaN

139.7829, 1.4737,
-6.1953

■ 41.9636, 3.8369,
-7.5138

■ 41.9636, 3.8369,
-7.5138

■ 37.5784, 7.7372,
-14.0503

■ 46.5090, 0.0791,
-1.5111

■ 33.3791, 11.8160,
-21.2642

■ 51.1905, -3.5644,
4.0691

■ 29.4052, 16.1018,
-29.3190

■ 55.9927, -7.1203,
9.3169

■ 25.7101, 20.6002,
-38.3757

■ 60.9027, -10.6095,
14.3017

■ 22.3671, 25.2484,
-48.5116

■ 65.9102, -14.0487,
19.0776

■ 19.4746, 29.8284,
-59.5317

■ 71.0068, -17.4513,
23.6867

■ 17.1525, 33.8494,
-70.6470

■ 76.1858, -20.8277,
28.1622

■ 15.4270, 36.8963,
-80.8070

■ 81.4412, -24.1862,
32.5303

■ 15.0211, 37.7479,
-83.5006

■ 86.7681, -27.5336,
36.8119

Harmonies

Analogous

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



41.9645, -1.7497, -9.5544



41.9636, 3.8369, -7.5138



41.9645, 7.9603, -2.8228

Triad

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



41.9645, 3.8360, -7.5130



41.9645, 2.9422, 10.5408



41.9645, -12.6620, 1.8149

Complementary

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



41.9636, 3.8369, -7.5138



48.8158, -8.1533, 10.9615

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.



41.9645, -11.5529, 6.8205



41.9636, 3.8369, -7.5138



41.9645, -2.7307, 11.4407

Square

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



41.9645, 3.8360, -7.5130



41.9645, 7.4251, 7.5282



41.9645, -7.9915, 10.1722



41.9645, -11.1051, -3.7381

Rectangle

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



41.9636, 3.8369, -7.5138



41.9645, 9.2170, 0.9082



41.9645, -7.9915, 10.1722



41.9645, -12.5886, 3.6152

Sweetspot

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



41.9645, 3.8360, -7.5130



63.7304, -1.0799, -0.1787



46.1908, -6.1147, -2.0234



30.0043, -0.3705, -0.3030



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



41.9645, 3.8360, -7.5130



53.8135, 7.1683, -13.4114



43.0192, 7.3103, -5.9824



22.2673, 0.3345, -1.1995



14.5166, 36.4494, -80.4578



1.4413, 3.2437, -5.0795

Inverse Universe

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



43.2909, 7.7431, -2.1140



56.0263, 13.5591, -4.2206



47.9057, -11.4551, 9.9823



22.5932, 1.3296, 0.0749



24.0020, 44.4659, -10.5504



2.0206, 3.8521, -1.7316

Previews

White Background



This preview shows how the HunterLab color 41.9636, 3.8369, -7.5138 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 41.9636, 3.8369, -7.5138 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 41.9636, 3.8369, -7.5138 Background



This preview shows how black text looks on a background with the HunterLab color 41.9636, 3.8369, -7.5138.



This preview shows how white text looks on a background with the HunterLab color 41.9636, 3.8369, -7.5138.

-7.5138.

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

41.9636, 3.8369, -7.5138

Protanopia

41.9169, 1.0529, -8.7024

Deuteranopia

42.0622, 2.7944, -7.3929



Tritanopia

41.9145, 0.0692, -1.1449

Trichromacy



Original Color

41.9636, 3.8369, -7.5138

Protanomaly

41.8503, 2.1495, -8.2391

Deuteranomaly

42.1458, 3.0748, -7.2703

Tritanomaly

41.8826, 1.6618, -3.5639

Monochromacy



Original Color

41.9636, 3.8369, -7.5138

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.3006, 0.0518, -1.1283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9636, 3.8369, -7.5138 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(120, 113, 137)` looks like.

```
.text, #text, p{  
    color:rgb(120, 113, 137)  
}
```

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(120, 113, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 113, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9636, 3.8369, -7.5138 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(120, 113, 137) }
```


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

```
.border{ border-color:rgb(120, 113, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 113, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 113, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 113, 137);  
box-shadow:4px 4px 4px 4px rgb(120, 113,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9636, 3.8369, -7.5138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 113, 137) }
```

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

```
.background{ background-color: rgb(120,  
113, 137) }
```

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