

Converting Colors

HunterLab(42.9170, -4.6480,
18.3200)

Have a look what the booklet for
HunterLab(42.9170, -4.6480,
18.3200) contains.

HunterLab(42.8739, -4.6339, 18.3246)	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(42.8739, -4.6339,
18.3246)

Conversions

Conversions Part 1

Format	Color
Hex	827746
RGB	130, 119, 70
RGB Percent	51%, 47%, 27%
CMY	0.4902, 0.5333, 0.7255
CMYK	0.00, 0.08, 0.46, 0.49
HSL	49°, 30%, 39%
HSV	49°, 46%, 51%
XYZ	16.9083, 18.3817, 8.4512
YIQ	116.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

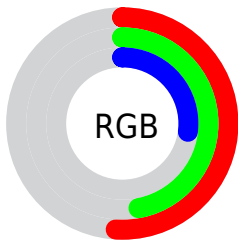
Format	Color
RYB	83, 130, 70
Decimal	8550214
CIELab	49.96, -3.09, 28.40
CIELCh	50, 28.572, 96.207
Yxy	18.3826, 0.3865, 0.4202
Android (android.graphics.Color)	4286740294 (0xFF827746)
YUV	116.7030, -23.0246, 11.6615
Hunter-Lab	42.8739, -4.6339, 18.3246

Details

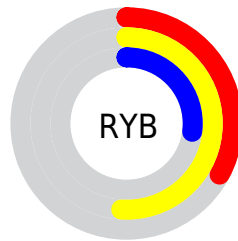
The HunterLab color $42.8739, -4.6339, 18.3246$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $29.6621, 5.2448, -23.8444$, and the grayscale version is $42.1430, -2.2486, 2.2897$.

A 20% lighter version of the original color is $63.7558, -6.1348, 22.9484$, and $24.9694, -3.3591, 13.2753$ is the 20% darker color. If you saturate the color by 10%, you get $42.0425, -4.5319, 20.3679$, and if you desaturate by 10%, it is $43.7484, -4.5380, 15.7869$.

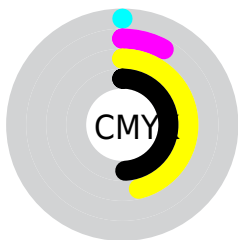
Distribution



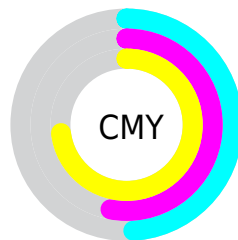
- Red (51%)
- Green (47%)
- Blue (27%)



- Red (33%)
- Yellow (51%)
- Blue (27%)



- Cyan (0%)
- Magenta (8%)
- Yellow (46%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.8739, -4.6339, 18.3246 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 42.8739, -4.6339, 18.3246 by changing the saturation by 10% instead.

■ 42.8739, -4.6339,
18.3246

■ 42.8739, -4.6339,
18.3246

155.8905,
-11.9556, 37.1277

■ 33.5037, -3.9456,
15.8548

■ 63.7873, -6.0912,
22.9011

■ 24.9367, -3.2804,
13.2054

■ 75.2362, -6.8571,
25.0625

■ 17.2578, -2.6378,
10.6383

■ 87.2985, -7.6477,
27.1641

■ 10.5850, -2.0121,
7.4095

■ 99.9442, -8.4626,
29.2184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 113.1477, -9.3014,
31.2350

0.0000, NaN, NaN

126.8863,

0.0000, NaN, NaN

-10.1634, 33.2217

0.0000, NaN, NaN

141.1399,
-11.0483, 35.1843

■ 42.8739, -4.6339,
18.3246

■ 42.8739, -4.6339,
18.3246

■ 42.0425, -4.5319,
20.3679

■ 43.7484, -4.5380,
15.7869

■ 41.2507, -4.2308,
21.9193

■ 44.6630, -4.2390,
12.7559

■ 40.4985, -3.7384,
22.9916

■ 45.6185, -3.7402,
9.2399

■ 39.7845, -3.0658,
23.6084

■ 46.6144, -3.0447,
5.2506

■ 39.1038, -2.2404,
23.8386

■ 47.6501, -2.1571,
0.8024

■ 38.8456, -1.9116,
23.9030

■ 48.7248, -1.0833,
-4.0877

■ 49.8377, 0.1704,
-9.4014

■ 50.9876, 1.5971,
-15.1195

■ 52.1736, 3.1892,
-21.2223

Harmonies

Analogous

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



42.8749, 6.9216, 17.3710



42.8739, -4.6339, 18.3246



42.8749, -14.4910, 15.9856

Triad

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



42.8749, -4.6354, 18.3250



42.8749, -18.5900, -11.9092



42.8749, 19.6792, -6.9650

Complementary

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



42.8739, -4.6339, 18.3246



29.6621, 5.2448, -23.8444

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.



42.8749, 11.4491, -18.1435



42.8739, -4.6339, 18.3246



42.8749, -10.7841, -21.4805

Square

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



42.8749, -4.6354, 18.3250



42.8749, -21.9870, 0.0164



42.8749, 0.1069, -24.0184



42.8749, 21.7637, 4.5286

Rectangle

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



42.8739, -4.6339, 18.3246



42.8749, -19.0361, 12.3916



42.8749, 0.1069, -24.0184



42.8749, 17.5006, -10.9671

Sweetspot

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



42.8749, -4.6354, 18.3250



60.7770, -4.8134, 11.3368



31.1776, 19.1887, 4.7431



28.8022, -2.3610, 5.8315



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



42.8749, -4.6354, 18.3250



55.7827, -6.0116, 27.0517



44.4826, -15.0691, 19.4227



22.1125, -1.5604, 3.0873



38.0497, -1.8916, 23.4129

0.0000, NaN, NaN

Inverse Universe

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



29.6621, 5.2448, -23.8444



34.8427, 10.4577, -41.6355



28.4888, 14.9277, -26.1365



20.8073, -0.6591, -0.9055



14.7407, 24.7868, -71.9322

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 42.8739, -4.6339, 18.3246 looks on a white 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

Black Background



This preview shows how the HunterLab color 42.8739, -4.6339, 18.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

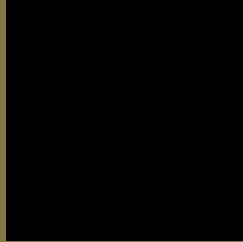
Any Text WCAG AA ✓ Pass

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 42.8739, -4.6339, 18.3246 Background



This preview shows how black text looks on a background with the HunterLab color 42.8739, -4.6339, 18.3246.



This preview shows how white text looks on a background with the HunterLab color 42.8739, -4.6339, 18.3246.

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

42.8739, -4.6339, 18.3246

Protanopia

42.8739, -4.6339, 18.3246

Deuteranopia

42.6550, 2.9558, 18.0495



Tritanopia

42.8559, 5.8457, 1.0370

Trichromacy



Original Color

42.8739, -4.6339, 18.3246

Protanomaly

42.8739, -4.6339, 18.3246

Deuteranomaly

42.6677, 0.2808, 18.0130

Tritanomaly

42.6934, 1.5967, 8.5152

Monochromacy



Original Color

42.8739, -4.6339, 18.3246

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.4435, -3.6025, 9.2484

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.8739, -4.6339, 18.3246 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(130, 119, 70)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 70)  
}
```

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(130, 119, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 42.8739, -4.6339, 18.3246 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(130, 119, 70) }
```


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

```
.border{ border-color:rgb(130, 119, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 70);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.8739, -4.6339, 18.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 70) }
```

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

```
.background{ background-color: rgb(130,  
119, 70) }
```

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