

Converting Colors

HunterLab(41.9515, -5.0493,
3.6966)

Have a look what the booklet for
HunterLab(41.9515, -5.0493, 3.6966)
contains.

HunterLab(41.8672, -4.9896, 3.5869)	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(41.8672, -4.9896,
3.5869)

Conversions

Conversions Part 1

Format	Color
Hex	6F7671
RGB	111, 118, 113
RGB Percent	44%, 46%, 44%
CMY	0.5647, 0.5372, 0.5569
CMYK	0.06, 0.00, 0.04, 0.54
HSL	137°, 3%, 45%
HSV	137°, 6%, 46%
XYZ	16.0146, 17.5286, 18.1621
YIQ	115.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

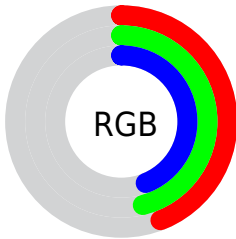
Format	Color
R_{YB}	111, 116, 118
Decimal	7304817
CIE Lab	48.92, -3.66, 1.84
CIE LCh	49, 4.099, 153.385
Yxy	17.5294, 0.3097, 0.3390
Android (android.graphics.Color)	4285494897 (0xFF6F7671)
YUV	115.3370, -1.1521, -3.8035
Hunter-Lab	41.8672, -4.9896, 3.5869

Details

The HunterLab color $41.8672, -4.9896, 3.5869$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.5978, 0.6596, 0.8959$, and the grayscale version is $41.5410, -2.2165, 2.2570$.

A 20% lighter version of the original color is $62.6519, -6.3034, 4.8083$, and $24.1221, -3.7772, 2.5057$ is the 20% darker color. If you saturate the color by 10%, you get $40.7831, -9.3330, 5.7052$, and if you desaturate by 10%, it is $43.0638, -0.3519, 1.4335$.

Distribution



Red (44%)

Green (46%)

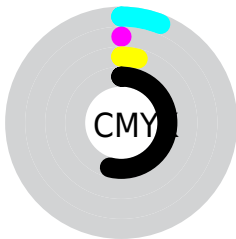
Blue (44%)



Red (44%)

Yellow (45%)

Blue (46%)

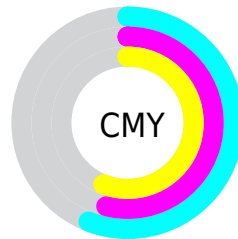


Cyan (6%)

Magenta (0%)

Yellow (4%)

Black (54%)



Cyan (56%)

Magenta (54%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8672, -4.9896, 3.5869 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 41.8672, -4.9896, 3.5869 by changing the saturation by 10% instead.

■ 41.8672, -4.9896,
3.5869

■ 41.8672, -4.9896,
3.5869

154.3388,
-12.5308, 10.4419

■ 32.5770, -4.2672,
2.9732

■ 62.6368, -6.5054,
4.9119

■ 24.0977, -3.5648,
2.3922

■ 74.0204, -7.2978,
5.6196

■ 16.5169, -2.8795,
1.8452

■ 86.0205, -8.1135,
6.3563

■ 9.9573, -2.2025,
1.3320

■ 98.6070, -8.9523,
7.1210

0.0000, NaN, NaN

0.0000, NaN, NaN

111.7538, -9.8137,
7.9126

0.0000, NaN, NaN

125.4379,

0.0000, NaN, NaN

-10.6976, 8.7305

0.0000, NaN, NaN

139.6390,
-11.6034, 9.5738

■ 41.8672, -4.9896,
3.5869

■ 41.8672, -4.9896,
3.5869

■ 40.7831, -9.3330,
5.7052

■ 43.0638, -0.3519,
1.4335

■ 39.8124, -13.3379,
7.7673

■ 44.3660, 4.5418,
-0.7399

■ 38.9583, -16.9656,
9.7531

■ 45.7699, 9.6516,
-2.9180

■ 38.2223, -20.1806,
11.6410

■ 47.2704, 14.9413,
-5.0887

■ 37.6040, -22.9549,
13.4095

■ 48.8625, 20.3788,
-7.2422

■ 37.1014, -25.2703,
15.0386

■ 50.5408, 25.9359,
-9.3713

■ 36.7102, -27.1214,
16.5104

■ 52.3003, 31.5884,
-11.4703

■ 36.4237, -28.5185,
17.8104

■ 54.1362, 37.3158,
-13.5357

■ 36.2256, -29.5191,
18.9225

■ 56.0436, 43.1014,
-15.5649

Harmonies

Analogous

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



41.8681, -3.9400, 4.6833



41.8672, -4.9896, 3.5869



41.8681, -5.3069, 2.1033

Triad

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



41.8681, -4.9905, 3.5875



41.8681, -2.0517, -0.7949



41.8681, 0.4022, 3.8802

Complementary

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



41.8672, -4.9896, 3.5869



40.5978, 0.6596, 0.8959

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.



41.8681, 0.9256, 2.4539



41.8672, -4.9896, 3.5869



41.8681, -0.5047, -0.2770

Square

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



41.8681, -4.9905, 3.5875



41.8681, -3.6254, -0.4636



41.8681, 0.5912, 0.9268



41.8681, -0.8286, 4.8477

Rectangle

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



41.8672, -4.9896, 3.5869



41.8681, -5.0629, 1.0832



41.8681, 0.5912, 0.9268



41.8681, 0.6675, 3.4405

Sweetspot

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



41.8681, -4.9905, 3.5875



56.1152, -4.2721, 3.6521



42.2132, -3.8781, 4.8206



26.9189, -2.0019, 1.7294



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



41.8681, -4.9905, 3.5875



55.3300, -7.3542, 5.1085



41.9635, -4.4620, 2.2245



20.3811, -2.7200, 1.8871



37.6014, -31.0932, 20.1228



82.9270, -69.1303, 45.5808

Inverse Universe

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



40.5978, 0.6596, 0.8959



53.2962, 1.6929, 0.7991



40.4997, 0.1281, 2.2945



19.6267, 0.6356, 0.2887



22.0502, 40.9148, -10.1942



48.5188, 89.7577, -20.3355

Previews

White Background



This preview shows how the HunterLab color 41.8672, -4.9896, 3.5869 looks on a white background.

Color Contrast Check

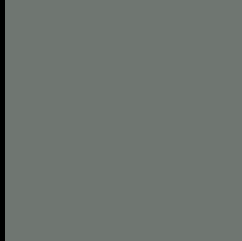
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8672, -4.9896, 3.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

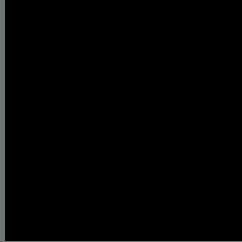
Any Text WCAG AA ✓ Pass

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 41.8672, -4.9896, 3.5869 Background



This preview shows how black text looks on a background with the HunterLab color 41.8672, -4.9896, 3.5869.



This preview shows how white text looks on a background with the HunterLab color 41.8672, -4.9896, 3.5869.

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

41.8672, -4.9896, 3.5869

Protanopia

41.9316, -1.9584, 4.1287

Deuteranopia

41.7042, 2.9195, 3.1165



Tritanopia

41.8117, -1.6319, -1.7770

Trichromacy



Original Color

41.8672, -4.9896, 3.5869

Protanomaly

41.9588, -3.2836, 4.1364

Deuteranomaly

41.6979, 0.1474, 3.0606

Tritanomaly

41.8901, -3.0218, 0.1567

Monochromacy



Original Color

41.8672, -4.9896, 3.5869

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

41.5729, -3.1006, 2.8588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.8672, -4.9896, 3.5869 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(111, 118, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 118, 113)  
}
```

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(111, 118, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 118, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 41.8672, -4.9896, 3.5869 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(111, 118, 113) }
```


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

```
.border{ border-color:rgb(111, 118, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 118, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 118, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 118, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 118,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.8672, -4.9896, 3.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 118, 113) }
```

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

```
.background{ background-color: rgb(111,  
118, 113) }
```

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