

Converting Colors

HunterLab(42.3564, -5.1586,
7.6766)

Have a look what the booklet for
HunterLab(42.3564, -5.1586, 7.6766)
contains.

HunterLab(42.3970, -5.0141, 7.7220)	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(42.3970, -5.0141,
7.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	757768
RGB	117, 119, 104
RGB Percent	46%, 47%, 41%
CMY	0.5412, 0.5333, 0.5922
CMYK	0.02, 0.00, 0.13, 0.53
HSL	68°, 7%, 44%
HSV	68°, 13%, 47%
XYZ	16.4317, 17.9751, 15.7002
YIQ	116.6920, 3.6230, -5.0890

Conversions

Conversions Part 2

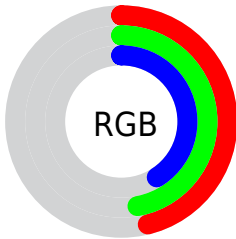
Format	Color
RYB	104, 119, 106
Decimal	7698280
CIELab	49.47, -3.64, 8.00
CIELCh	49, 8.787, 114.498
Yxy	17.9758, 0.3279, 0.3587
Android (android.graphics.Color)	4285888360 (0xFF757768)
YUV	116.6920, -6.2572, 0.2701
Hunter-Lab	42.3970, -5.0141, 7.7220

Details

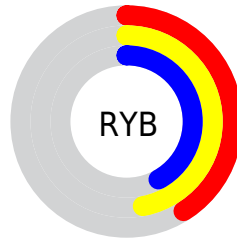
The HunterLab color $42.3970, -5.0141, 7.7220$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.8116, 0.9809, -4.0516$, and the grayscale version is $42.0811, -2.2453, 2.2863$.

A 20% lighter version of the original color is $63.1881, -6.5058, 9.7250$, and $24.6315, -3.6388, 5.7965$ is the 20% darker color. If you saturate the color by 10%, you get $42.0020, -6.9605, 11.4343$, and if you desaturate by 10%, it is $42.8322, -2.8794, 3.5125$.

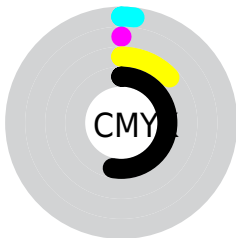
Distribution



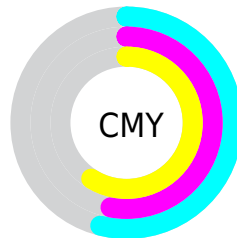
- Red (46%)
- Green (47%)
- Blue (41%)



- Red (41%)
- Yellow (47%)
- Blue (42%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (53%)



- Cyan (54%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3970, -5.0141, 7.7220 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 42.3970, -5.0141, 7.7220 by changing the saturation by 10% instead.

■ 42.3970, -5.0141,
7.7220

■ 42.3970, -5.0141,
7.7220

155.1563,
-12.5578, 17.1451

■ 33.0645, -4.2920,
6.7190

■ 63.2425, -6.5303,
9.7349

■ 24.5389, -3.5899,
5.7058

■ 74.6606, -7.3229,
10.7529

■ 16.9062, -2.9054,
4.6664

■ 86.6935, -8.1389,
11.7824

■ 10.2867, -2.2303,
3.8457

■ 99.3113, -8.9779,
12.8251

0.0000, NaN, NaN

0.0000, NaN, NaN

112.4880, -9.8397,
13.8821

0.0000, NaN, NaN

126.2009,

0.0000, NaN, NaN

-10.7239, 14.9541

0.0000, NaN, NaN

140.4297,
-11.6301, 16.0417

■ 42.3970, -5.0141,
7.7220

■ 42.3970, -5.0141,
7.7220

■ 42.0020, -6.9605,
11.4343

■ 42.8322, -2.8794,
3.5125

■ 41.6439, -8.7140,
14.6476

■ 43.3053, -0.5562,
-1.1918

■ 41.3227, -10.2762,
17.3672

■ 43.8173, 1.9500,
-6.3823

■ 41.0372, -11.6496,
19.6031

■ 44.3683, 4.6338,
-12.0476

■ 40.7860, -12.8389,
21.3714

■ 44.9582, 7.4886,
-18.1739

■ 40.5672, -13.8518,
22.6947

■ 45.5867, 10.5071,
-24.7449

■ 40.3787, -14.6988,
23.6035

■ 46.2533, 13.6814,
-31.7425

■ 40.2173, -15.3955,
24.1397

■ 46.9575, 17.0033,
-39.1473

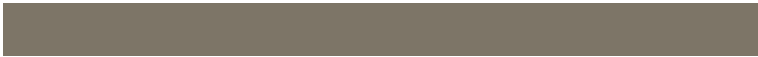
■ 40.1061, -15.8676,
24.4354

■ 47.6987, 20.4643,
-46.9390

Harmonies

Analogous

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



42.3979, -1.6182, 8.1906



42.3970, -5.0141, 7.7220



42.3979, -7.5977, 5.8549

Triad

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



42.3979, -5.0152, 7.7226



42.3979, -6.0970, -3.2331



42.3979, 4.6341, 1.6903

Complementary

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



42.3970, -5.0141, 7.7220



37.8116, 0.9809, -4.0516

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.



42.3979, 3.3461, -1.5750



42.3970, -5.0141, 7.7220



42.3979, -2.9070, -4.5611

Square

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



42.3979, -5.0152, 7.7226



42.3979, -8.2080, -0.4294



42.3979, 0.5581, -3.9311



42.3979, 4.0255, 4.8739

Rectangle

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



42.3970, -5.0141, 7.7220



42.3979, -8.5477, 3.9811



42.3979, 0.5581, -3.9311



42.3979, 4.4073, 0.5634

Sweetspot

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



42.3979, -5.0152, 7.7226



57.2254, -4.2964, 5.5847



39.0256, 1.5081, 4.1761



27.8395, -2.1839, 2.9024



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



42.3979, -5.0152, 7.7226



56.5823, -7.4589, 11.7789



41.8055, -7.1297, 7.0610



20.5978, -2.0677, 3.0354



41.3347, -16.3686, 25.1837



91.0995, -36.6977, 55.4926

Inverse Universe

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



37.8116, 0.9809, -4.0516



49.1173, 2.3133, -7.4195



38.4408, 3.1021, -3.1788



19.0030, 0.0147, -1.0518



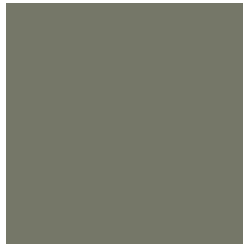
12.3622, 32.6171, -80.7433



26.8795, 71.6859, -181.4961

Previews

White Background



This preview shows how the HunterLab color 42.3970, -5.0141, 7.7220 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 42.3970, -5.0141, 7.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

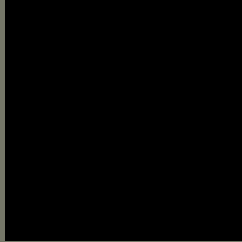
Any Text WCAG AA ✓ Pass

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 42.3970, -5.0141, 7.7220 Background



This preview shows how black text looks on a background with the HunterLab color 42.3970, -5.0141, 7.7220.



This preview shows how white text looks on a background with the HunterLab color 42.3970, -5.0141, 7.7220.

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

42.3970, -5.0141, 7.7220

Protanopia

42.3235, -2.4619, 8.0605

Deuteranopia

42.2099, 2.7928, 7.2858



Tritanopia

42.3846, 0.3391, -1.0176

Trichromacy



Original Color

42.3970, -5.0141, 7.7220

Protanomaly

42.4277, -3.5187, 8.1503

Deuteranomaly

42.1822, -0.0491, 7.2068

Tritanomaly

42.3425, -1.6753, 2.4963

Monochromacy



Original Color

42.3970, -5.0141, 7.7220

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.3186, -3.4516, 4.5392

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3970, -5.0141, 7.7220 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(117, 119, 104)` looks like.

```
.text, #text, p{  
    color:rgb(117, 119, 104)  
}
```

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(117, 119, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 119, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3970, -5.0141, 7.7220 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(117, 119, 104) }
```


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

```
.border{ border-color:rgb(117, 119, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 119, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 119, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 119, 104);  
box-shadow:4px 4px 4px 4px rgb(117, 119,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3970, -5.0141, 7.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 119, 104) }
```

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

```
.background{ background-color: rgb(117,  
119, 104) }
```

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