

Converting Colors

HunterLab(40.8466, -5.1958,
6.7059)

Have a look what the booklet for
HunterLab(40.8466, -5.1958, 6.7059)
contains.

HunterLab(40.7434, -5.2145, 6.7222)	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(40.7434, -5.2145,
6.7222)

Conversions

Conversions Part 1

Format	Color
Hex	6F7366
RGB	111, 115, 102
RGB Percent	44%, 45%, 40%
CMY	0.5647, 0.5490, 0.6000
CMYK	0.03, 0.00, 0.11, 0.55
HSL	78°, 6%, 43%
HSV	78°, 11%, 45%
XYZ	15.0845, 16.6002, 14.9795
YIQ	112.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

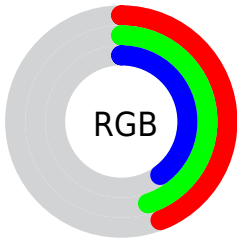
Format	Color
R_{YB}	102, 115, 106
Decimal	7304038
CIE _{Lab}	47.75, -4.09, 6.67
CIE _{LCh}	48, 7.825, 121.495
Yxy	16.6010, 0.3233, 0.3557
Android (android.graphics.Color)	4285494118 (0xFF6F7366)
YUV	112.3220, -5.0887, -1.1594
Hunter-Lab	40.7434, -5.2145, 6.7222

Details

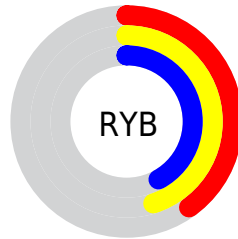
The HunterLab color $40.7434, -5.2145, 6.7222$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.1552, 1.2294, -2.9672$, and the grayscale version is $40.3955, -2.1554, 2.1948$.

A 20% lighter version of the original color is $61.4198, -6.7176, 8.6370$, and $23.1234, -3.8244, 4.9139$ is the 20% darker color. If you saturate the color by 10%, you get $40.2036, -7.6789, 10.2085$, and if you desaturate by 10%, it is $41.3273, -2.5682, 2.7948$.

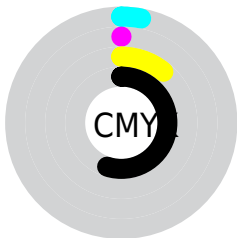
Distribution



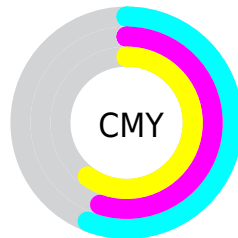
- Red (44%)
- Green (45%)
- Blue (40%)



- Red (40%)
- Yellow (45%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (56%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7434, -5.2145, 6.7222 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 40.7434, -5.2145, 6.7222 by changing the saturation by 10% instead.

■ 40.7434, -5.2145,
6.7222

■ 40.7434, -5.2145,
6.7222

152.5983,
-12.9118, 15.5591

■ 31.5443, -4.4678,
5.8061

■ 61.3502, -6.7728,
8.5796

■ 23.1648, -3.7379,
4.8883

■ 72.6595, -7.5842,
9.5270

■ 15.6959, -3.0206,
3.9552

■ 84.5894, -8.4177,
10.4897

■ 9.2646, -2.4175,
3.4895

■ 97.1089, -9.2732,
11.4688

0.0000, NaN, NaN

0.0000, NaN, NaN

110.1915,
-10.1507, 12.4649

0.0000, NaN, NaN

123.8140,

0.0000, NaN, NaN

-11.0498, 13.4785

0.0000, NaN, NaN

137.9557,
-11.9703, 14.5098

■ 40.7434, -5.2145,
6.7222

■ 40.7434, -5.2145,
6.7222

■ 40.2036, -7.6789,
10.2085

■ 41.3273, -2.5682,
2.7948

■ 39.7051, -9.9523,
13.2459

■ 41.9524, 0.2556,
-1.5656

■ 39.2485, -12.0314,
15.8331

■ 42.6191, 3.2475,
-6.3457

■ 38.8333, -13.9135,
17.9731

■ 43.3271, 6.3987,
-11.5303

■ 38.4585, -15.5986,
19.6750

■ 44.0755, 9.6994,
-17.1025

■ 38.1229, -17.0895,
20.9543

■ 44.8636, 13.1401,
-23.0440

■ 37.8246, -18.3921,
21.8349

■ 45.6905, 16.7109,
-29.3358

■ 37.5613, -19.5169,
22.3502

■ 46.5552, 20.4022,
-35.9581

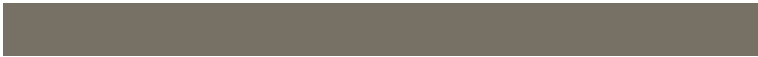
■ 37.3501, -20.4112,
22.6576

■ 47.4568, 24.2045,
-42.8915

Harmonies

Analogous

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



40.7443, -2.3302, 7.4431



40.7434, -5.2145, 6.7222



40.7443, -7.2367, 4.8085

Triad

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



40.7443, -5.2155, 6.7228



40.7443, -4.9562, -3.0338



40.7443, 3.8965, 2.3641

Complementary

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



40.7434, -5.2145, 6.7222



37.1552, 1.2294, -2.9672

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.



40.7443, 3.1440, -0.5551



40.7434, -5.2145, 6.7222



40.7443, -2.0220, -3.8067

Square

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



40.7443, -5.2155, 6.7228



40.7443, -7.0901, -0.8273



40.7443, 0.9549, -2.8686



40.7443, 2.9822, 5.0447

Rectangle

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



40.7434, -5.2145, 6.7222



40.7443, -7.8534, 3.0399



40.7443, 0.9549, -2.8686



40.7443, 3.8300, 1.3783

Sweetspot

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



40.7443, -5.2155, 6.7228



55.1590, -4.0823, 4.7144



38.5903, 0.0587, 4.4668



26.9136, -2.1198, 2.4917



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.



40.7443, -5.2155, 6.7228



54.2938, -8.0150, 10.4876



40.2500, -6.9831, 6.1626



20.5242, -2.3277, 2.9510



39.9197, -21.8809, 24.2153



87.8582, -49.3583, 53.2737

Inverse Universe

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



37.1552, 1.2294, -2.9672



48.2106, 2.9181, -5.9611



37.6988, 3.0599, -2.2271



19.0775, 0.2691, -0.9517



13.4946, 33.5958, -72.5655



29.1041, 73.5347, -164.8581

Previews

White Background



This preview shows how the HunterLab color 40.7434, -5.2145, 6.7222 looks on a white background.

Color Contrast Check

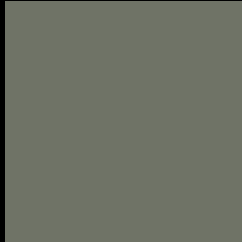
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7434, -5.2145, 6.7222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

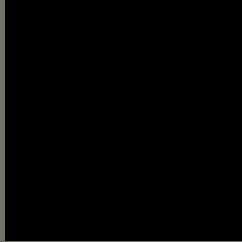
Any Text WCAG AA × Fail

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 40.7434, -5.2145, 6.7222 Background



This preview shows how black text looks on a background with the HunterLab color 40.7434, -5.2145, 6.7222.



This preview shows how white text looks on a background with the HunterLab color 40.7434, -5.2145,

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

40.7434, -5.2145, 6.7222

Protanopia

40.7448, -2.4120, 7.1488

Deuteranopia

40.6273, 2.7979, 6.3568



Tritanopia

40.6771, -0.1624, -1.3042

Trichromacy



Original Color

40.7434, -5.2145, 6.7222

Protanomaly

40.7665, -3.7511, 7.1482

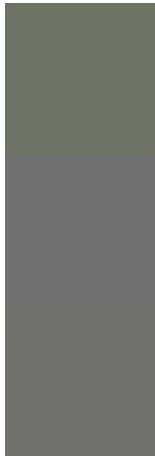
Deuteranomaly

40.6026, -0.0168, 6.2810

Tritanomaly

40.6643, -2.0157, 1.8106

Monochromacy



Original Color

40.7434, -5.2145, 6.7222

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.4199, -3.1945, 4.0399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7434, -5.2145, 6.7222 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, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 102)  
}
```

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, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7434, -5.2145, 6.7222 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, 115, 102) }
```


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

```
.border{ border-color:rgb(111, 115, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7434, -5.2145, 6.7222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 102) }
```

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

```
.background{ background-color: rgb(111,  
115, 102) }
```

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