

Converting Colors

HunterLab(40.5572, -1.5994,
5.2003)

Have a look what the booklet for
HunterLab(40.5572, -1.5994, 5.2003)
contains.

HunterLab(40.5103, -1.5742, 4.9778)	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(40.5103, -1.5742,
4.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	75706A
RGB	117, 112, 106
RGB Percent	46%, 44%, 42%
CMY	0.5412, 0.5608, 0.5843
CMYK	0.00, 0.04, 0.09, 0.54
HSL	33°, 5%, 44%
HSV	33°, 9%, 46%
XYZ	15.7318, 16.4108, 15.9741
YIQ	112.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

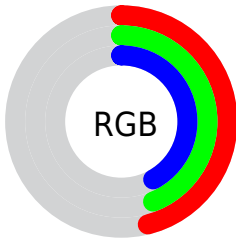
Format	Color
R_{YB}	115, 117, 106
Decimal	7696490
CIE Lab	47.51, 0.78, 4.02
CIE LCh	48, 4.091, 79.022
Yxy	16.4116, 0.3269, 0.3411
Android (android.graphics.Color)	4285886570 (0xFF75706A)
YUV	112.8110, -3.3578, 3.6738
Hunter-Lab	40.5103, -1.5742, 4.9778

Details

The HunterLab color $40.5103, -1.5742, 4.9778$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.6449, -2.5655, -0.7853$, and the grayscale version is $40.5758, -2.1650, 2.2046$.

A 20% lighter version of the original color is $61.1721, -2.8103, 6.7279$, and $22.9080, -0.5284, 3.3975$ is the 20% darker color. If you saturate the color by 10%, you get $38.7889, -0.7157, 7.5939$, and if you desaturate by 10%, it is $42.2846, -2.2893, 2.1134$.

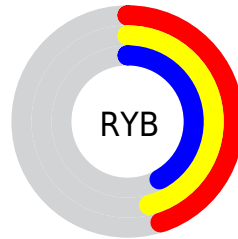
Distribution



Red (46%)

Green (44%)

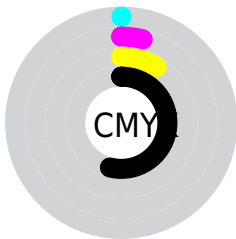
Blue (42%)



Red (45%)

Yellow (46%)

Blue (42%)

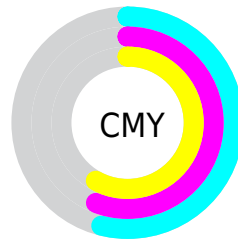


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5103, -1.5742, 4.9778 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 40.5103, -1.5742, 4.9778 by changing the saturation by 10% instead.

■ 40.5103, -1.5742,
4.9778

■ 40.5103, -1.5742,
4.9778

■ 152.2361, -7.2177,
12.6928

■ 31.3303, -1.1329,
4.2334

■ 61.0829, -2.5882,
6.5334

■ 22.9718, -0.7392,
3.5069

■ 72.3768, -3.1523,
7.3450

■ 15.5265, -0.4007,
2.7934

■ 84.2919, -3.7517,
8.1798

■ 9.1181, -0.1147,
2.3220

■ 96.7974, -4.3843,
9.0375

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8666, -5.0486,
9.9180

0.0000, NaN, NaN

■ 123.4762, -5.7430,

0.0000, NaN, NaN

137.6055, -6.4665,
11.7459

■ 40.5103, -1.5742,
4.9778

■ 40.5103, -1.5742,
4.9778

■ 38.7889, -0.7157,
7.5939

■ 42.2846, -2.2893,
2.1134

■ 37.1214, 0.2991,
9.9371

■ 44.1056, -2.8675,
-0.9798

■ 35.5126, 1.4782,
11.9839

■ 45.9711, -3.3196,
-4.2819

■ 33.9669, 2.8293,
13.7097

■ 47.8783, -3.6548,
-7.7751

■ 32.4887, 4.3580,
15.0906

■ 49.8246, -3.8817,
-11.4435

■ 31.0825, 6.0664,
16.1057

■ 51.8075, -4.0086,
-15.2729

■ 29.7528, 7.9515,
16.7398

■ 53.8248, -4.0430,
-19.2505

■ 28.5036, 10.0030,
16.9884

■ 55.8748, -3.9918,
-23.3648

■ 27.3284, 12.1524,
17.0087

■ 57.9554, -3.8616,
-27.6058

Harmonies

Analogous

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



40.5112, -0.1232, 4.3562



40.5103, -1.5742, 4.9778



40.5112, -3.1631, 4.8795

Triad

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



40.5112, -1.5753, 4.9784



40.5112, -5.0358, 1.2381



40.5112, 0.1889, 0.2355

Complementary

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



40.5103, -1.5742, 4.9778



39.6449, -2.5655, -0.7853

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.



40.5112, -1.1546, -0.6650



40.5103, -1.5742, 4.9778



40.5112, -4.1647, -0.0708

Square

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



40.5112, -1.5753, 4.9784



40.5112, -5.1445, 2.7594



40.5112, -2.7489, -0.7792



40.5112, 0.9058, 1.6429

Rectangle

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



40.5103, -1.5742, 4.9778



40.5112, -4.0856, 4.4169



40.5112, -2.7489, -0.7792



40.5112, -0.2054, -0.1389

Sweetspot

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



40.5112, -1.5753, 4.9784



55.7038, -2.7340, 4.2745



39.0395, 1.9429, 1.1913



26.6289, -1.2791, 2.1808



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.



40.5112, -1.5753, 4.9784



53.7715, -1.9067, 7.3474



41.8568, -3.9509, 6.4076



20.0028, -0.7906, 2.4050



28.5588, 13.0086, 17.8255



61.6566, 31.7690, 38.5487

Inverse Universe

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



39.6449, -2.5655, -0.7853



52.3826, -3.4932, -1.8942



38.3137, -0.1810, -2.4384



19.5921, -1.2601, -0.3274



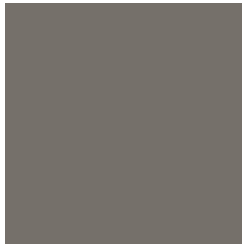
20.5083, 7.0472, -40.8464



43.3901, 19.5298, -96.3932

Previews

White Background



This preview shows how the HunterLab color 40.5103, -1.5742, 4.9778 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 40.5103, -1.5742, 4.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

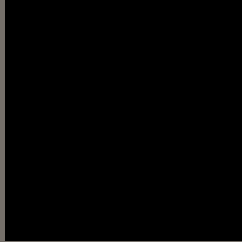
Any Text WCAG AA × Fail

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 40.5103, -1.5742, 4.9778 Background



This preview shows how black text looks on a background with the HunterLab color 40.5103, -1.5742, 4.9778.



This preview shows how white text looks on a background with the HunterLab color 40.5103, -1.5742,

4.9778.

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

40.5103, -1.5742, 4.9778

Protanopia

40.4252, -1.8694, 4.8782

Deuteranopia

40.5394, 2.7056, 4.6839



Tritanopia

40.5040, 1.8925, -0.5560

Trichromacy



Original Color

40.5103, -1.5742, 4.9778

Protanomaly

40.4252, -1.8694, 4.8782

Deuteranomaly

40.5270, 1.3030, 4.6455

Tritanomaly

40.5405, 0.3515, 1.7048

Monochromacy



Original Color

40.5103, -1.5742, 4.9778

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6367, -2.3308, 3.4761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5103, -1.5742, 4.9778 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, 112, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 112, 106)  
}
```

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, 112, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 112, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5103, -1.5742, 4.9778 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, 112, 106) }
```


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

```
.border{ border-color:rgb(117, 112, 106) }
```

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

Here you see how a box with a 4 pixel rgb(117, 112, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 112, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 112, 106);  
box-shadow:4px 4px 4px 4px rgb(117, 112,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5103, -1.5742, 4.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 112, 106) }
```

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

```
.background{ background-color: rgb(117,  
112, 106) }
```

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](#).

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