

Converting Colors

HunterLab(39.9580, -2.0346,
7.6750)

Have a look what the booklet for
HunterLab(39.9580, -2.0346, 7.6750)
contains.

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Color

**HunterLab(40.0173, -2.3268,
7.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	756F61
RGB	117, 111, 97
RGB Percent	46%, 44%, 38%
CMY	0.5412, 0.5647, 0.6196
CMYK	0.00, 0.05, 0.17, 0.54
HSL	42°, 9%, 42%
HSV	42°, 17%, 46%
XYZ	15.1782, 16.0138, 13.6003
YIQ	111.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

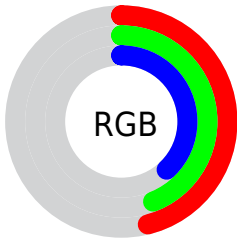
Format	Color
R_{YB}	106, 117, 97
Decimal	7696225
CIE Lab	46.99, -0.25, 8.63
CIE LCh	47, 8.637, 91.687
Yxy	16.0146, 0.3389, 0.3575
Android (android.graphics.Color)	4285886305 (0xFF756F61)
YUV	111.1980, -6.9996, 5.0884
Hunter-Lab	40.0173, -2.3268, 7.8618

Details

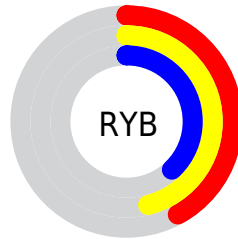
The HunterLab color $40.0173, -2.3268, 7.8618$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.7776, -1.3099, -4.4922$, and the grayscale version is $39.9702, -2.1327, 2.1717$.

A 20% lighter version of the original color is $60.6362, -3.6559, 9.9048$, and $22.4928, -1.0376, 5.5860$ is the 20% darker color. If you saturate the color by 10%, you get $38.8090, -2.1564, 10.6503$, and if you desaturate by 10%, it is $41.2674, -2.3378, 4.7223$.

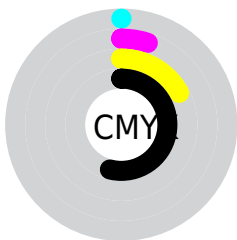
Distribution



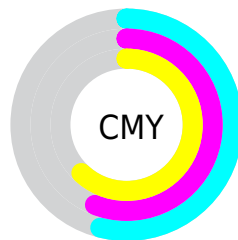
- Red (46%)
- Green (44%)
- Blue (38%)



- Red (42%)
- Yellow (46%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0173, -2.3268, 7.8618 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 40.0173, -2.3268, 7.8618 by changing the saturation by 10% instead.

■ 40.0173, -2.3268,
7.8618

■ 40.0173, -2.3268,
7.8618

151.4687, -8.3872,
17.5353

■ 30.8779, -1.8239,
6.8143

■ 60.5173, -3.4510,
9.9476

■ 22.5641, -1.3625,
5.7481

■ 71.7782, -4.0653,
10.9967

■ 15.1690, -0.9480,
4.6419

■ 83.6620, -4.7122,
12.0548

■ 8.7990, -0.5959,
4.5461

■ 96.1377, -5.3901,
13.1240

0.0000, NaN, NaN

0.0000, NaN, NaN

109.1784, -6.0977,
14.2057

0.0000, NaN, NaN

122.7606, -6.8337,

0.0000, NaN, NaN

15.3011

0.0000, NaN, NaN

136.8636, -7.5972,
16.4108

■ 40.0173, -2.3268,
7.8618

■ 40.0173, -2.3268,
7.8618

■ 38.8090, -2.1564,
10.6503

■ 41.2674, -2.3378,
4.7223

■ 37.6415, -1.8176,
13.0688

■ 42.5551, -2.1927,
1.2485

■ 36.5169, -1.3068,
15.1022

■ 43.8796, -1.8996,
-2.5402

■ 35.4367, -0.6213,
16.7381

■ 45.2395, -1.4657,
-6.6254

■ 34.4019, 0.2396,
17.9686

■ 46.6330, -0.8986,
-10.9888

■ 33.4131, 1.2733,
18.7927

■ 48.0589, -0.2054,
-15.6132

■ 32.4705, 2.4728,
19.2193

■ 49.5156, 0.6067,
-20.4819

■ 31.5689, 3.8027,
19.3358

■ 51.0018, 1.5309,
-25.5793

■ 31.3109, 4.1933,
19.3670

■ 52.5161, 2.5607,
-30.8909

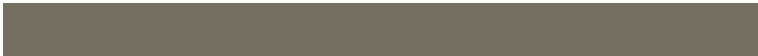
Harmonies

Analogous

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



40.0182, 0.9822, 7.2334



40.0173, -2.3268, 7.8618



40.0182, -5.4842, 7.0761

Triad

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



40.0182, -2.3279, 7.8624



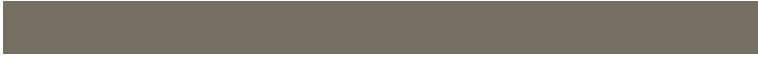
40.0182, -7.5029, -1.1963



40.0182, 3.7279, -0.8567

Complementary

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



40.0173, -2.3268, 7.8618



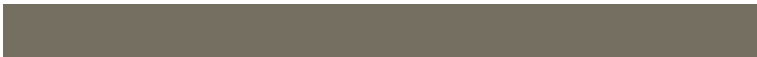
36.7776, -1.3099, -4.4922

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.



40.0182, 1.3231, -3.4293



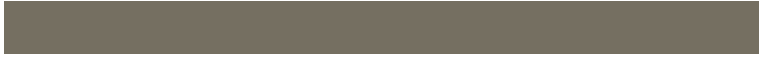
40.0173, -2.3268, 7.8618



40.0182, -5.1643, -3.6366

Square

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



40.0182, -2.3279, 7.8624



40.0182, -8.4101, 1.9965



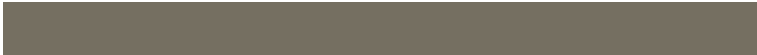
40.0182, -1.9465, -4.4852



40.0182, 4.5471, 2.3593

Rectangle

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



40.0173, -2.3268, 7.8618



40.0182, -7.0954, 5.8141



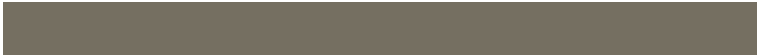
40.0182, -1.9465, -4.4852



40.0182, 3.0743, -1.8343

Sweetspot

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



40.0182, -2.3279, 7.8624



55.5573, -3.1064, 5.4407



36.4840, 4.9384, 1.7142



26.5946, -1.4928, 2.7274



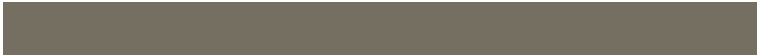
77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.0182, -2.3279, 7.8624



52.8245, -3.0403, 12.2407



41.3479, -6.1824, 9.1531



20.2231, -1.1577, 2.6422



32.8237, 4.4793, 20.3042



71.3798, 11.9019, 44.1922

Inverse Universe

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



36.7776, -1.3099, -4.4922



47.3871, -1.3124, -8.5302



35.4974, 2.5092, -6.1927



19.3712, -0.8935, -0.5983



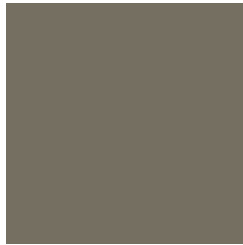
16.4921, 16.4899, -56.2106



34.5248, 41.7010, -133.1733

Previews

White Background



This preview shows how the HunterLab color 40.0173, -2.3268, 7.8618 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 40.0173, -2.3268, 7.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

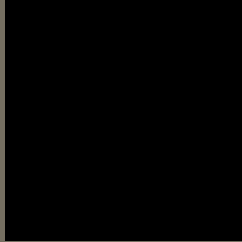
Any Text WCAG AA × Fail

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 40.0173, -2.3268, 7.8618 Background



This preview shows how black text looks on a background with the HunterLab color 40.0173, -2.3268, 7.8618.

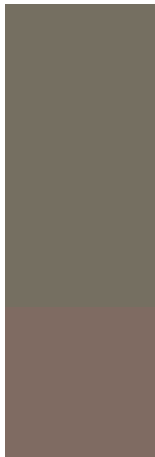


This preview shows how white text looks on a background with the HunterLab color 40.0173, -2.3268, 7.8618.

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

40.0173, -2.3268, 7.8618

Protanopia

40.0173, -2.3268, 7.8618

Deuteranopia

39.8864, 2.7629, 7.4496



Tritanopia

40.0032, 2.8130, -0.2447

Trichromacy



Original Color

40.0173, -2.3268, 7.8618

Protanomaly

40.0173, -2.3268, 7.8618

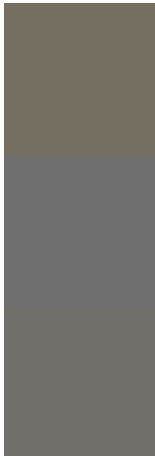
Deuteranomaly

39.7717, 1.0223, 7.2990

Tritanomaly

39.9813, 0.9790, 2.7772

Monochromacy



Original Color

40.0173, -2.3268, 7.8618

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9001, -2.2906, 4.2841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0173, -2.3268, 7.8618 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, 111, 97)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 97)  
}
```

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, 111, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0173, -2.3268, 7.8618 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, 111, 97) }
```


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

```
.border{ border-color:rgb(117, 111, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 111, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 97);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0173, -2.3268, 7.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 111, 97) }
```

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

```
.background{ background-color: rgb(117,  
111, 97) }
```

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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