

Converting Colors

HunterLab(40.1578, -2.1694,
7.4515)

Have a look what the booklet for
HunterLab(40.1578, -2.1694, 7.4515)
contains.

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Color

**HunterLab(40.0645, -2.0682,
7.1825)**

Conversions

Conversions Part 1

Format	Color
Hex	756F63
RGB	117, 111, 99
RGB Percent	46%, 44%, 39%
CMY	0.5412, 0.5647, 0.6118
CMYK	0.00, 0.05, 0.15, 0.54
HSL	40°, 8%, 42%
HSV	40°, 15%, 46%
XYZ	15.2727, 16.0516, 14.0977
YIQ	111.4260, 7.4280, -2.4600

Conversions

Conversions Part 2

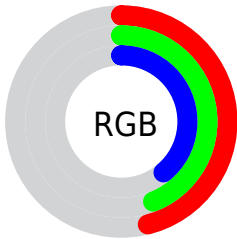
Format	Color
R_{YB}	108, 117, 99
Decimal	7696227
CIE _{Lab}	47.04, 0.09, 7.51
CIE _{LCh}	47, 7.515, 89.283
Yxy	16.0524, 0.3362, 0.3534
Android (android.graphics.Color)	4285886307 (0xFF756F63)
YUV	111.4260, -6.1260, 4.8884
Hunter-Lab	40.0645, -2.0682, 7.1825

Details

The HunterLab color $40.0645, -2.0682, 7.1825$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4698, -1.6987, -3.5714$, and the grayscale version is $40.0544, -2.1372, 2.1762$.

A 20% lighter version of the original color is $60.6889, -3.3672, 9.1482$, and $22.5328, -0.8188, 5.0077$ is the 20% darker color. If you saturate the color by 10%, you get $38.7456, -1.7527, 9.9475$, and if you desaturate by 10%, it is $41.4271, -2.2279, 4.0880$.

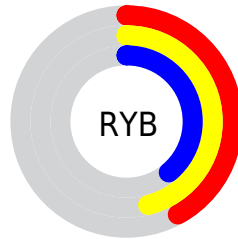
Distribution



Red (46%)

Green (44%)

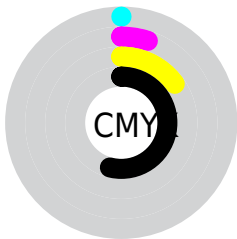
Blue (39%)



Red (42%)

Yellow (46%)

Blue (39%)

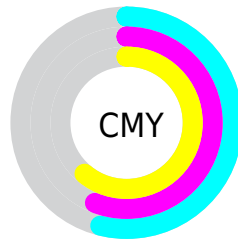


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0645, -2.0682, 7.1825 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 40.0645, -2.0682, 7.1825 by changing the saturation by 10% instead.

■ 40.0645, -2.0682,
7.1825

■ 40.0645, -2.0682,
7.1825

■ 151.5422, -7.9840,
16.3714

■ 30.9212, -1.5868,
6.2106

■ 60.5715, -3.1542,
9.1365

■ 22.6031, -1.1489,
5.2293

■ 71.8355, -3.7510,
10.1268

■ 15.2032, -0.7609,
4.2216

■ 83.7223, -4.3814,
11.1296

■ 8.8301, -0.4252,
4.0083

■ 96.2009, -5.0437,
12.1466

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.2443, -5.7362,
13.1786

0.0000, NaN, NaN

■ 122.8292, -6.4579,

0.0000, NaN, NaN

14.2265

0.0000, NaN, NaN

136.9347, -7.2075,
15.2907

■ 40.0645, -2.0682,
7.1825

■ 40.0645, -2.0682,
7.1825

■ 38.7456, -1.7527,
9.9475

■ 41.4271, -2.2279,
4.0880

■ 37.4697, -1.2712,
12.3619

■ 42.8289, -2.2359,
0.6820

■ 36.2396, -0.6193,
14.4084

■ 44.2687, -2.1008,
-3.0155

■ 35.0571, 0.2071,
16.0710

■ 45.7448, -1.8306,
-6.9856

■ 33.9240, 1.2099,
17.3379

■ 47.2554, -1.4330,
-11.2104

■ 32.8415, 2.3878,
18.2033

■ 48.7989, -0.9154,
-15.6727

■ 31.8105, 3.7353,
18.6707

■ 50.3736, -0.2851,
-20.3565

■ 30.8287, 5.2295,
18.7898

■ 51.9781, 0.4510,
-25.2471

■ 30.3859, 5.9317,
18.8275

■ 53.6109, 1.2864,
-30.3307

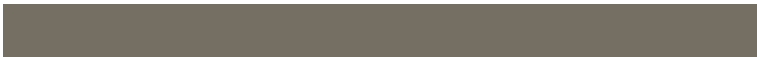
Harmonies

Analogous

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



40.0654, 0.7817, 6.5244



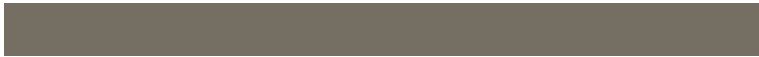
40.0645, -2.0682, 7.1825



40.0654, -4.8613, 6.5837

Triad

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



40.0654, -2.0693, 7.1831



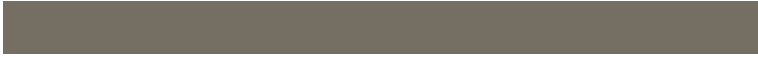
40.0654, -6.9413, -0.5330



40.0654, 2.8248, -0.6575

Complementary

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



40.0645, -2.0682, 7.1825



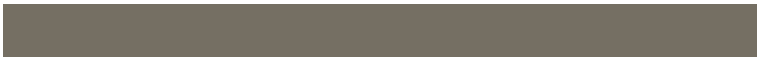
37.4698, -1.6987, -3.5714

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.



40.0654, 0.6561, -2.7864



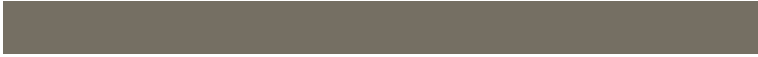
40.0645, -2.0682, 7.1825



40.0654, -4.9802, -2.7110

Square

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



40.0654, -2.0693, 7.1831



40.0654, -7.6248, 2.2480



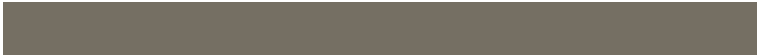
40.0654, -2.2105, -3.5631



40.0654, 3.6568, 2.1137

Rectangle

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



40.0645, -2.0682, 7.1825



40.0654, -6.3256, 5.5251



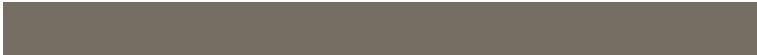
40.0654, -2.2105, -3.5631



40.0654, 2.2249, -1.4790

Sweetspot

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



40.0654, -2.0693, 7.1831



55.4837, -2.9841, 5.3593



37.0482, 4.2946, 1.5158



26.5555, -1.4280, 2.6844



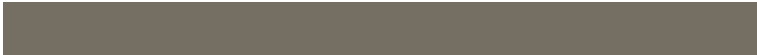
77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.0654, -2.0693, 7.1831



53.0640, -2.6615, 10.8002



41.4741, -5.6412, 8.5819



20.1754, -1.0786, 2.5911



31.8492, 6.3130, 19.7359



69.1440, 16.1832, 42.8895

Inverse Universe

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



37.4698, -1.6987, -3.5714



48.9093, -2.0595, -6.4317



36.1013, 1.8538, -5.3620



19.4188, -0.9727, -0.5397



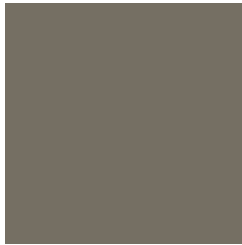
17.2801, 14.4172, -52.7213



36.2260, 36.8936, -124.9219

Previews

White Background



This preview shows how the HunterLab color 40.0645, -2.0682, 7.1825 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 40.0645, -2.0682, 7.1825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

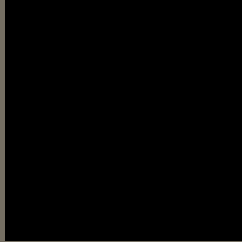
Any Text WCAG AA × Fail

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 40.0645, -2.0682, 7.1825 Background



This preview shows how black text looks on a background with the HunterLab color 40.0645, -2.0682, 7.1825.

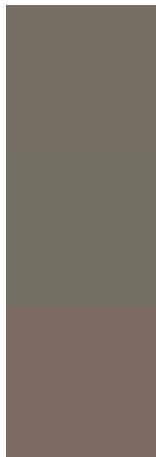


This preview shows how white text looks on a background with the HunterLab color 40.0645, -2.0682, 7.1825.

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

40.0645, -2.0682, 7.1825

Protanopia

39.9784, -2.3678, 7.0866

Deuteranopia

39.9343, 3.0195, 6.7599



Tritanopia

39.9142, 2.5140, -0.3604

Trichromacy



Original Color

40.0645, -2.0682, 7.1825

Protanomaly

39.9784, -2.3678, 7.0866

Deuteranomaly

39.8198, 1.2817, 6.6075

Tritanomaly

39.8931, 0.6790, 2.6693

Monochromacy



Original Color

40.0645, -2.0682, 7.1825

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.9263, -2.1469, 3.9088

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0645, -2.0682, 7.1825 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, 99)` looks like.

```
.text, #text, p{  
    color:rgb(117, 111, 99)  
}
```

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, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 111, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0645, -2.0682, 7.1825 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, 99) }
```


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

```
.border{ border-color:rgb(117, 111, 99) }
```

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, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 111, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 111, 99);  
box-shadow:4px 4px 4px 4px rgb(117, 111,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0645, -2.0682, 7.1825 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, 99) }
```

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

```
.background{ background-color: rgb(117,  
111, 99) }
```

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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