

Converting Colors

HunterLab(40.9458, -15.1415,
3.8261)

Have a look what the booklet for
HunterLab(40.9458, -15.1415,
3.8261) contains.

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Color

**HunterLab(40.7957,
-15.1165, 3.8466)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7A6D
RGB	78, 122, 109
RGB Percent	31%, 48%, 43%
CMY	0.6941, 0.5216, 0.5725
CMYK	0.36, 0.00, 0.11, 0.52
HSL	162°, 22%, 39%
HSV	162°, 36%, 48%
XYZ	12.8617, 16.6429, 17.0025
YIQ	107.3620, -22.0510, -13.3710

Conversions

Conversions Part 2

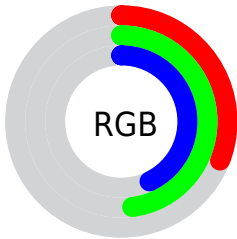
Format	Color
RYB	78, 104, 122
Decimal	5143149
CIELab	47.81, -18.33, 2.31
CIELCh	48, 18.477, 172.809
Yxy	16.6436, 0.2766, 0.3579
Android (android.graphics.Color)	4283333229 (0xFF4E7A6D)
YUV	107.3620, 0.8075, -25.7505
Hunter-Lab	40.7957, -15.1165, 3.8466

Details

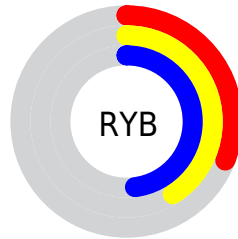
The HunterLab color **40.7957, -15.1165, 3.8466** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.1591, 13.8763, 1.8105**, and the grayscale version is **38.4856, -2.0535, 2.0910**.

A 20% lighter version of the original color is **61.5347, -18.5486, 5.5481**, and **23.2140, -11.5015, 2.4631** is the 20% darker color. If you saturate the color by 10%, you get **40.1237, -17.8840, 4.5043**, and if you desaturate by 10%, it is **41.5774, -11.9929, 3.2971**.

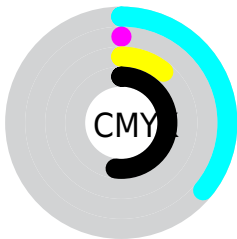
Distribution



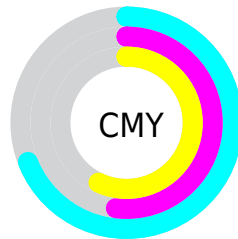
- Red (31%)
- Green (48%)
- Blue (43%)



- Red (31%)
- Yellow (41%)
- Blue (48%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (69%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7957, -15.1165, 3.8466 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 40.7957, -15.1165, 3.8466 by changing the saturation by 10% instead.

■ 40.7957, -15.1165,
3.8466

■ 40.7957, -15.1165,
3.8466

152.6794,
-29.0538, 10.8674

■ 31.5922, -13.4186,
3.2074

■ 61.4100, -18.3501,
5.2162

■ 23.2081, -11.6300,
2.5980

■ 72.7229, -19.9160,
5.9440

■ 15.7339, -9.7004,
2.0182

■ 84.6560, -21.4611,
6.6996

■ 9.2971, -9.0885,
1.5373

■ 97.1786, -22.9919,
7.4821

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2643,
-24.5132, 8.2909

0.0000, NaN, NaN

123.8896,

0.0000, NaN, NaN

-26.0288, 9.1251

0.0000, NaN, NaN

138.0341,
-27.5416, 9.9842

■ 40.7957, -15.1165,
3.8466

■ 40.7957, -15.1165,
3.8466

■ 40.1237, -17.8840,
4.5043

■ 41.5774, -11.9929,
3.2971

■ 39.5577, -20.2766,
5.2609

■ 42.4663, -8.5353,
2.8594

■ 39.0957, -22.2865,
6.1065

■ 43.4617, -4.7723,
2.5365

■ 38.7330, -23.9157,
7.0283

■ 44.5614, -0.7347,
2.3290

■ 38.4626, -25.1785,
8.0110

■ 45.7622, 3.5455,
2.2351

■ 38.2686, -26.1312,
9.0301

■ 47.0607, 8.0370,
2.2517

■ 38.1979, -26.4823,
9.4236

■ 48.4527, 12.7098,
2.3744

■ 49.9339, 17.5362,
2.5979

■ 51.5000, 22.4911,
2.9163

Harmonies

Analogous

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



40.7965, -12.7076, 9.4553



40.7957, -15.1165, 3.8466



40.7965, -14.2580, -3.2658

Triad

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



40.7965, -15.1170, 3.8471



40.7965, 3.3708, -12.0032



40.7965, 6.6004, 11.4406

Complementary

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



40.7957, -15.1165, 3.8466



32.1591, 13.8763, 1.8105

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.



40.7965, 11.4927, 7.0372



40.7957, -15.1165, 3.8466



40.7965, 9.5391, -6.6427

Square

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



40.7965, -15.1170, 3.8471



40.7965, -3.9106, -13.2606



40.7965, 12.6040, 0.5244



40.7965, -0.4180, 13.3144

Rectangle

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



40.7957, -15.1165, 3.8466



40.7965, -11.9168, -7.8654



40.7965, 12.6040, 0.5244



40.7965, 8.5676, 10.2483

Sweetspot

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



40.7965, -15.1170, 3.8471



56.9418, -8.9729, 3.5679



40.8707, -16.1914, 14.4445



27.1627, -4.5388, 1.7280



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.



40.7965, -15.1170, 3.8471



53.3879, -23.0155, 5.7864



38.5751, -9.2820, -4.6937



21.1972, -2.9146, 1.2877



39.1914, -27.1840, 9.6967



85.5058, -59.9250, 22.4861

Inverse Universe

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



32.1591, 13.8763, 1.8105



39.6757, 23.3001, 2.7237



33.8705, 8.1504, 8.3961



20.0817, 0.7899, 1.0025



21.1879, 36.9130, 8.8227



46.1324, 80.0924, 21.3668

Previews

White Background



This preview shows how the HunterLab color 40.7957, -15.1165, 3.8466 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 40.7957, -15.1165, 3.8466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

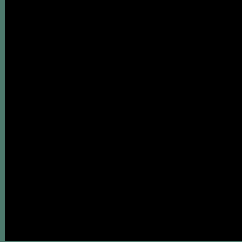
Any Text WCAG AA × Fail

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 40.7957, -15.1165, 3.8466 Background



This preview shows how black text looks on a background with the HunterLab color 40.7957, -15.1165, 3.8466.



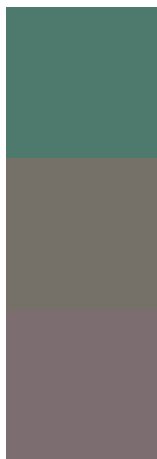
This preview shows how white text looks on a background with the HunterLab color 40.7957,

-15.1165, 3.8466.

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

40.7957, -15.1165, 3.8466

Protanopia

40.7328, -2.3067, 5.9957

Deuteranopia

40.4873, 2.7980, 2.5488



Tritanopia

40.7647, -9.4811, -5.2541

Trichromacy



Original Color

40.7957, -15.1165, 3.8466

Protanomaly

40.5154, -7.2812, 4.8835

Deuteranomaly

40.3833, -4.5899, 2.7238

Tritanomaly

40.7276, -11.5684, -1.9105

Monochromacy



Original Color

40.7957, -15.1165, 3.8466

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.9331, -7.0414, 2.2616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7957, -15.1165, 3.8466 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(78, 122, 109)` looks like.

```
.text, #text, p{  
    color:rgb(78, 122, 109)  
}
```

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(78, 122, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 122, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7957, -15.1165, 3.8466 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(78, 122, 109) }
```


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

```
.border{ border-color:rgb(78, 122, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 122, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 122, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 122, 109);  
box-shadow:4px 4px 4px 4px rgb(78, 122,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7957, -15.1165, 3.8466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 122, 109) }
```

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

```
.background{ background-color: rgb(78, 122,  
109) }
```

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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