

Converting Colors

HunterLab(40.7538, -16.0062,
4.6378)

Have a look what the booklet for
HunterLab(40.7538, -16.0062,
4.6378) contains.

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Color

**HunterLab(40.6412,
-15.8088, 4.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	4C7A6B
RGB	76, 122, 107
RGB Percent	30%, 48%, 42%
CMY	0.7020, 0.5216, 0.5804
CMYK	0.38, 0.00, 0.12, 0.52
HSL	160°, 23%, 39%
HSV	160°, 38%, 48%
XYZ	12.5938, 16.5171, 16.4342
YIQ	106.5360, -22.6010, -14.4170

Conversions

Conversions Part 2

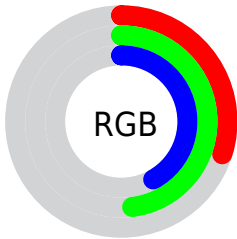
Format	Color
RYB	76, 103, 122
Decimal	5012075
CIELab	47.65, -19.43, 3.25
CIElCh	48, 19.701, 170.509
Yxy	16.5177, 0.2765, 0.3627
Android (android.graphics.Color)	4283202155 (0xFF4C7A6B)
YUV	106.5360, 0.2288, -26.7801
Hunter-Lab	40.6412, -15.8088, 4.4735




Details

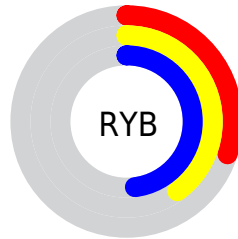
The HunterLab color **40.6412, -15.8088, 4.4735** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **31.7209, 14.8246, 1.3051**, and the grayscale version is **38.1738, -2.0369, 2.0741**.


A 20% lighter version of the original color is **61.3519, -19.3438, 6.2055**, and **23.0745, -12.1436, 3.0213** is the 20% darker color. If you saturate the color by 10%, you get **39.9784, -18.5685, 5.2702**, and if you desaturate by 10%, it is **41.4143, -12.6872, 3.7754**.

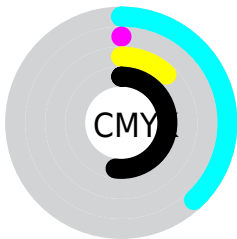
Distribution







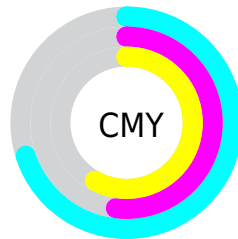
-  Red (30%)
-  Green (48%)
-  Blue (42%)






-  Red (30%)
-  Yellow (40%)
-  Blue (48%)



-  Cyan (38%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (52%)



-  Cyan (70%)
-  Magenta (52%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6412, -15.8088, 4.4735 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 40.6412, -15.8088, 4.4735 by changing the saturation by 10% instead.

40.6412, -15.8088,
4.4735

40.6412, -15.8088,
4.4735

152.4394,
-30.2456, 11.8737

31.4504, -14.0328,
3.7769

61.2329, -19.1785,
5.9445

23.0801, -12.1560,
3.1038

72.5355, -20.8050,
6.7182

15.6215, -10.1239,
2.4514

84.4589, -22.4071,
7.5170

9.2007, -9.6943,
1.9643

96.9722, -23.9917,
8.3407

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0490,
-25.5643, 9.1887

0.0000, NaN, NaN

123.6658,

0.0000, NaN, NaN

-27.1287, 10.0605

0.0000, NaN, NaN

137.8021,
-28.6883, 10.9557

■ 40.6412, -15.8088,
4.4735

■ 40.6412, -15.8088,
4.4735

■ 39.9784, -18.5685,
5.2702

■ 41.4143, -12.6872,
3.7754

■ 39.4219, -20.9479,
6.1547

■ 42.2951, -9.2257,
3.1813

■ 38.9695, -22.9400,
7.1157

■ 43.2832, -5.4532,
2.6957

■ 38.6163, -24.5478,
8.1391

■ 44.3764, -1.4010,
2.3207

■ 38.3550, -25.7876,
9.2086

■ 45.5716, 2.8987,
2.0560

■ 38.1631, -26.7423,
10.2931

■ 46.8652, 7.4138,
1.8997

■ 38.1210, -26.9528,
10.5355

■ 48.2532, 12.1136,
1.8484

■ 49.7312, 16.9698,
1.8978

■ 51.2947, 21.9567,
2.0427

Harmonies

Analogous

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



40.6420, -13.0113, 10.2121



40.6412, -15.8088, 4.4735



40.6420, -15.1695, -3.0568

Triad

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



40.6420, -15.8093, 4.4740



40.6420, 3.1660, -13.3738



40.6420, 7.7145, 11.6766

Complementary

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



40.6412, -15.8088, 4.4735



31.7209, 14.8246, 1.3051

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.



40.6420, 12.6997, 6.8584



40.6412, -15.8088, 4.4735



40.6420, 9.9406, -7.8397

Square

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



40.6420, -15.8093, 4.4740



40.6420, -4.5913, -14.3395



40.6420, 13.5435, -0.1875



40.6420, 0.3078, 13.8278

Rectangle

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



40.6412, -15.8088, 4.4735



40.6420, -12.8597, -8.0792



40.6420, 13.5435, -0.1875



40.6420, 9.7516, 10.3627

Sweetspot

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



40.6420, -15.8093, 4.4740



56.9264, -9.0590, 3.7880



40.8444, -16.3609, 14.9561



27.1546, -4.5837, 1.8428



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.



40.6420, -15.8093, 4.4740



53.1586, -24.0693, 6.8108



38.7972, -10.1598, -4.4102



21.1926, -2.9403, 1.3536



39.1125, -27.6674, 10.8389



85.3292, -61.0077, 25.0439

Inverse Universe

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



31.7209, 14.8246, 1.3051



39.0097, 24.8401, 1.9836



33.0890, 9.3942, 8.3017



20.0863, 0.8150, 0.9361



21.2475, 37.1321, 7.9531



46.2534, 80.5381, 19.5948

Previews

White Background



This preview shows how the HunterLab color 40.6412, -15.8088, 4.4735 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 40.6412, -15.8088, 4.4735 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 40.6412, -15.8088, 4.4735 Background



This preview shows how black text looks on a background with the HunterLab color 40.6412, -15.8088, 4.4735.



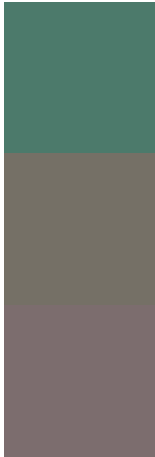
This preview shows how white text looks on a background with the HunterLab color 40.6412,

-15.8088, 4.4735.

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

40.6412, -15.8088, 4.4735

Protanopia

40.4098, -2.1238, 6.4197

Deuteranopia

40.4328, 2.5062, 3.3266



Tritanopia

40.6220, -10.0692, -4.9523

Trichromacy



Original Color

40.6412, -15.8088, 4.4735

Protanomaly

40.3919, -7.8289, 5.5280

Deuteranomaly

40.3293, -4.8891, 3.4951

Tritanomaly

40.5602, -12.3119, -1.1973

Monochromacy



Original Color

40.6412, -15.8088, 4.4735

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.9059, -7.1939, 2.6499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6412, -15.8088, 4.4735 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(76, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(76, 122, 107)  
}
```

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(76, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 122, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6412, -15.8088, 4.4735 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(76, 122, 107) }
```


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

```
.border{ border-color:rgb(76, 122, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 122, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 122, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 122, 107);  
box-shadow:4px 4px 4px 4px rgb(76, 122,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6412, -15.8088, 4.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 122, 107) }
```

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

```
.background{ background-color: rgb(76, 122,  
107) }
```

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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