

Converting Colors

HunterLab(40.9185, -19.5800,
12.5864)

Have a look what the booklet for
HunterLab(40.9185, -19.5800,
12.5864) contains.

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Color

**HunterLab(40.7838,
-19.4265, 12.5972)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7C54
RGB	77, 124, 84
RGB Percent	30%, 49%, 33%
CMY	0.6980, 0.5137, 0.6706
CMYK	0.38, 0.00, 0.32, 0.51
HSL	129°, 23%, 39%
HSV	129°, 38%, 49%
XYZ	11.8685, 16.6332, 10.9725
YIQ	105.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

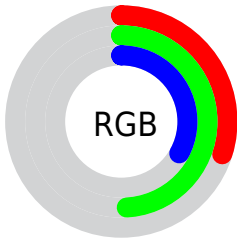
Format	Color
R_{YB}	77, 118, 124
Decimal	5078100
CIE _{Lab}	47.80, -25.06, 16.92
CIE _{LCh}	48, 30.241, 145.977
Yxy	16.6339, 0.3007, 0.4214
Android (android.graphics.Color)	4283268180 (0xFF4D7C54)
YUV	105.3870, -10.5438, -24.8954
Hunter-Lab	40.7838, -19.4265, 12.5972

Details

The HunterLab color $40.7838, -19.4265, 12.5972$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32.9811, 19.0143, -9.5999$, and the grayscale version is $37.7753, -2.0156, 2.0524$.

A 20% lighter version of the original color is $61.4449, -23.4934, 15.6875$, and $23.2787, -15.0898, 9.4096$ is the 20% darker color. If you saturate the color by 10%, you get $40.0165, -22.8390, 14.8030$, and if you desaturate by 10%, it is $41.6867, -15.5235, 10.1677$.

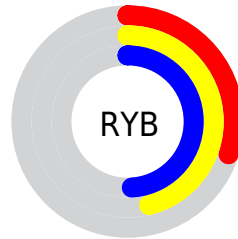
Distribution



Red (30%)

Green (49%)

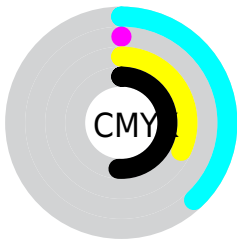
Blue (33%)



Red (30%)

Yellow (46%)

Blue (49%)

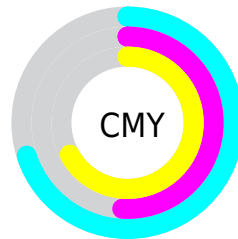


Cyan (38%)

Magenta (0%)

Yellow (32%)

Black (51%)



Cyan (70%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7838, -19.4265, 12.5972 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 40.7838, -19.4265, 12.5972 by changing the saturation by 10% instead.

40.7838, -19.4265,
12.5972

40.7838, -19.4265,
12.5972

152.6609,
-36.4351, 25.9978

31.5813, -17.2513,
10.9653

61.3964, -23.4943,
15.7006

23.1983, -14.9267,
9.2429

72.7085, -25.4331,
17.2034

15.7253, -12.3777,
7.3803

84.6408, -27.3285,
18.6870

9.2898, -12.2528,
6.5028

97.1628, -29.1907,
20.1580

0.0000, NaN, NaN

0.0000, NaN, NaN

110.2477,
-31.0272, 21.6212

0.0000, NaN, NaN

123.8724,

0.0000, NaN, NaN

-32.8439, 23.0804

0.0000, NaN, NaN

138.0163,
-34.6452, 24.5385

■ 40.7838, -19.4265,
12.5972

■ 40.7838, -19.4265,
12.5972

■ 40.0165, -22.8390,
14.8030

■ 41.6867, -15.5235,
10.1677

■ 39.3815, -25.7279,
16.7596

■ 42.7215, -11.1687,
7.5411

■ 38.8768, -28.0760,
18.4478

■ 43.8862, -6.4100,
4.7470

■ 38.4969, -29.8827,
19.8554

■ 45.1767, -1.2969,
1.8145

■ 38.2331, -31.1669,
20.9779

■ 46.5882, 4.1207,
-1.2290

■ 38.0601, -32.0264,
21.8105

■ 48.1150, 9.7956,
-4.3583

■ 38.0279, -32.1843,
21.9452

■ 49.7512, 15.6840,
-7.5514

■ 51.4906, 21.7470,
-10.7892

■ 53.3273, 27.9506,
-14.0560

Harmonies

Analogous

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



40.7847, -11.7039, 17.3149



40.7838, -19.4265, 12.5972



40.7847, -22.5443, 3.7143

Triad

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



40.7847, -19.4272, 12.5976



40.7847, -3.7675, -25.9276



40.7847, 20.4400, 10.6327

Complementary

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



40.7838, -19.4265, 12.5972



32.9811, 19.0143, -9.5999

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.



40.7847, 23.1841, 0.6670



40.7838, -19.4265, 12.5972



40.7847, 8.3105, -22.5253

Square

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



40.7847, -19.4272, 12.5976



40.7847, -14.1818, -20.1921



40.7847, 18.5198, -11.8960



40.7847, 11.3971, 16.4292

Rectangle

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



40.7838, -19.4265, 12.5972



40.7847, -21.8869, -4.2214



40.7847, 18.5198, -11.8960



40.7847, 22.1710, 7.7567

Sweetspot

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



40.7847, -19.4272, 12.5976



57.6789, -10.6780, 7.5638



43.3415, -10.0227, 16.9264



27.9090, -5.5180, 3.8674



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.7847, -19.4272, 12.5976



53.2569, -29.5167, 19.1234



41.2922, -16.4520, 5.2748



21.1159, -3.3678, 2.4504



38.3409, -32.4519, 22.1314



83.6906, -71.1787, 49.0484

Inverse Universe

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



32.9811, 19.0143, -9.5999



40.9601, 31.3503, -15.9066



32.2576, 15.4715, 0.5821



20.1687, 1.2574, -0.2352



23.2463, 44.3167, -19.9144



50.6736, 96.4466, -42.1895

Previews

White Background



This preview shows how the HunterLab color 40.7838, -19.4265, 12.5972 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 40.7838, -19.4265, 12.5972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

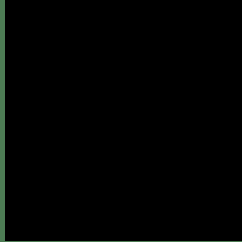
Any Text WCAG AA × Fail

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 40.7838, -19.4265, 12.5972 Background



This preview shows how black text looks on a background with the HunterLab color 40.7838, -19.4265, 12.5972.



This preview shows how white text looks on a background with the HunterLab color 40.7838,

-19.4265, 12.5972.

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

40.7838, -19.4265, 12.5972

Protanopia

40.6354, -3.7168, 14.1813

Deuteranopia

40.3965, 2.6502, 11.7045



Tritanopia

40.6126, -8.6055, -4.9394

Trichromacy



Original Color

40.7838, -19.4265, 12.5972

Protanomaly

40.4732, -10.0083, 13.3604

Deuteranomaly

40.1886, -6.4644, 11.6622

Tritanomaly

40.5485, -12.8147, 2.3470

Monochromacy



Original Color

40.7838, -19.4265, 12.5972

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.5802, -8.8893, 6.2372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7838, -19.4265, 12.5972 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(77, 124, 84)` looks like.

```
.text, #text, p{  
  color:rgb(77, 124, 84)  
}
```

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(77, 124, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 124, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7838, -19.4265, 12.5972 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(77, 124, 84) }
```


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

```
.border{ border-color:rgb(77, 124, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 124, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 124, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 124, 84);  
box-shadow:4px 4px 4px 4px rgb(77, 124,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7838, -19.4265, 12.5972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 124, 84) }
```

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

```
.background{ background-color: rgb(77, 124,  
84) }
```

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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