

Converting Colors

HunterLab(51.6161, -15.1643,
12.6118)

Have a look what the booklet for
HunterLab(51.6161, -15.1643,
12.6118) contains.

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Color

**HunterLab(51.4837,
-15.1116, 12.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	799474
RGB	121, 148, 116
RGB Percent	47%, 58%, 45%
CMY	0.5255, 0.4196, 0.5451
CMYK	0.18, 0.00, 0.22, 0.42
HSL	111°, 13%, 52%
HSV	111°, 22%, 58%
XYZ	21.6274, 26.5057, 20.4993
YIQ	136.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

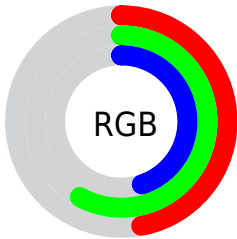
Format	Color
R_{YB}	116, 148, 143
Decimal	7967860
CIE _{Lab}	58.52, -15.93, 13.85
CIE _{LCh}	59, 21.106, 139.005
Yxy	26.5068, 0.3151, 0.3862
Android (android.graphics.Color)	4286157940 (0xFF799474)
YUV	136.2790, -9.9975, -13.3997
Hunter-Lab	51.4837, -15.1116, 12.4311

Details

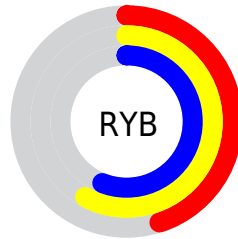
The HunterLab color $51.4837, -15.1116, 12.4311$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.2431, 11.2504, -8.6419$, and the grayscale version is $49.7705, -2.6556, 2.7041$.

A 20% lighter version of the original color is $73.5302, -17.8737, 15.1247$, and $32.1628, -11.9381, 9.5281$ is the 20% darker color. If you saturate the color by 10%, you get $50.3436, -20.0389, 16.1099$, and if you desaturate by 10%, it is $52.7642, -9.7117, 8.2937$.

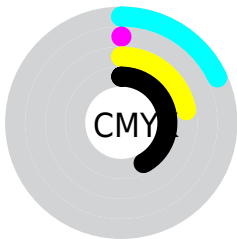
Distribution



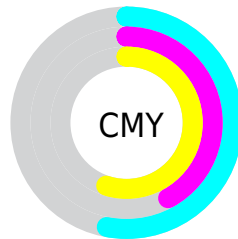
- Red (47%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4837, -15.1116, 12.4311 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 51.4837, -15.1116, 12.4311 by changing the saturation by 10% instead.

■ 51.4837, -15.1116,
12.4311

■ 51.4837, -15.1116,
12.4311

168.8968,
-27.9019, 24.3935

■ 41.4767, -13.6291,
11.0635

■ 73.5469, -18.0007,
15.1064

■ 32.2172, -12.1008,
9.6574

■ 85.5227, -19.4223,
16.4287

■ 23.7724, -10.5042,
8.1913

■ 98.0860, -20.8363,
17.7480

■ 16.2303, -8.7990,
6.6272

111.2105,
-22.2467, 19.0676

■ 9.7154, -7.6851,
6.4443

124.8732,
-23.6565, 20.3901

0.0000, NaN, NaN

139.0537,

0.0000, NaN, NaN

-25.0677, 21.7177

0.0000, NaN, NaN

153.7337,
-26.4824, 23.0517

0.0000, NaN, NaN

■ 51.4837, -15.1116,
12.4311

■ 51.4837, -15.1116,
12.4311

■ 50.3436, -20.0389,
16.1099

■ 52.7642, -9.7117,
8.2937

■ 49.3430, -24.4444,
19.2961

■ 54.1782, -3.8856,
3.7336

■ 48.4840, -28.2904,
21.9663

■ 55.7220, 2.3146,
-1.2078

■ 47.7658, -31.5488,
24.1083

■ 57.3905, 8.8389,
-6.4892

■ 47.1852, -34.2052,
25.7241

■ 59.1779, 15.6402,
-12.0703

■ 46.7369, -36.2623,
26.8334

■ 61.0783, 22.6752,
-17.9127

■ 46.4127, -37.7431,
27.4777

■ 63.0855, 29.9050,
-23.9815

■ 46.2217, -38.6143,
27.8056

■ 65.1937, 37.2956,
-30.2450

■ 67.3969, 44.8175,
-36.6751

Harmonies

Analogous

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



51.4848, -8.2382, 16.0091



51.4837, -15.1116, 12.4311



51.4848, -18.5865, 5.8299

Triad

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



51.4848, -15.1127, 12.4317



51.4848, -5.9932, -16.0100



51.4848, 14.5638, 7.8564

Complementary

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



51.4837, -15.1116, 12.4311



45.2431, 11.2504, -8.6419

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.



51.4848, 15.2676, -0.4208



51.4837, -15.1116, 12.4311



51.4848, 2.9785, -15.2156

Square

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



51.4848, -15.1127, 12.4317



51.4848, -13.5660, -11.1574



51.4848, 10.9022, -9.1429



51.4848, 9.0402, 13.6963

Rectangle

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



51.4837, -15.1116, 12.4311



51.4848, -18.6774, 0.1722



51.4848, 10.9022, -9.1429



51.4848, 15.3854, 5.3009

Sweetspot

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



51.4848, -15.1127, 12.4317



71.0981, -8.7071, 7.7494



52.0606, -4.9130, 13.1756



33.9179, -4.3730, 3.8692



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.4848, -15.1127, 12.4317



67.6215, -23.3609, 18.9845



51.3981, -14.9243, 8.3787



25.5134, -4.0070, 3.4729



42.7271, -35.6456, 25.7042



4.8136, -3.5787, 2.9035

Inverse Universe

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



45.2431, 11.2504, -8.6419



57.5361, 19.3042, -15.1500



45.3907, 11.0082, -2.9172



24.2153, 1.4628, -0.8939



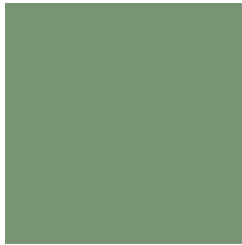
23.5633, 48.1032, -44.8537



2.7909, 5.5804, -4.4050

Previews

White Background



This preview shows how the HunterLab color 51.4837, -15.1116, 12.4311 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.4837, -15.1116, 12.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

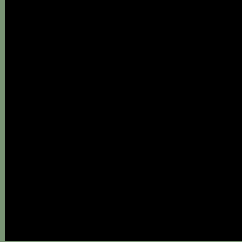
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.4837, -15.1116, 12.4311 Background



This preview shows how black text looks on a background with the HunterLab color 51.4837, -15.1116, 12.4311.



This preview shows how white text looks on a background with the HunterLab color 51.4837,

-15.1116, 12.4311.

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

51.4837, -15.1116, 12.4311

Protanopia

51.2987, -3.8361, 13.8257

Deuteranopia

51.3237, 3.7189, 11.5288



Tritanopia

51.4685, -5.4208, -3.5980

Trichromacy



Original Color

51.4837, -15.1116, 12.4311

Protanomaly

51.3090, -8.2081, 13.4198

Deuteranomaly

51.2516, -3.7317, 11.6879

Tritanomaly

51.4823, -9.2507, 2.9874

Monochromacy



Original Color

51.4837, -15.1116, 12.4311

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1662, -7.0181, 6.2431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4837, -15.1116, 12.4311 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(121, 148, 116)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 116)  
}
```

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(121, 148, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4837, -15.1116, 12.4311 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(121, 148, 116) }
```


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

```
.border{ border-color:rgb(121, 148, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 116);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4837, -15.1116, 12.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 116) }
```

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

```
.background{ background-color: rgb(121,  
148, 116) }
```

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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