

Converting Colors

HunterLab(47.2725, -12.9503,
15.7142)

Have a look what the booklet for
HunterLab(47.2725, -12.9503,
15.7142) contains.

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Color

**HunterLab(47.3387,
-12.8199, 15.6823)**

Conversions

Conversions Part 1

Format	Color
Hex	78885E
RGB	120, 136, 94
RGB Percent	47%, 53%, 37%
CMY	0.5294, 0.4667, 0.6314
CMYK	0.12, 0.00, 0.31, 0.47
HSL	83°, 18%, 45%
HSV	83°, 31%, 53%
XYZ	18.5702, 22.4095, 13.9364
YIQ	126.4280, 3.9460, -16.4540

Conversions

Conversions Part 2

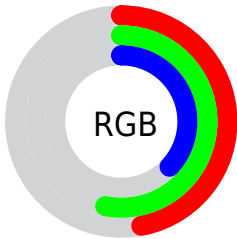
Format	Color
R_{YB}	94, 136, 110
Decimal	7899230
CIE _{Lab}	54.46, -13.57, 20.69
CIE _{LCh}	54, 24.743, 123.262
Yxy	22.4105, 0.3382, 0.4081
Android (android.graphics.Color)	4286089310 (0xFF78885E)
YUV	126.4280, -15.9870, -5.6374
Hunter-Lab	47.3387, -12.8199, 15.6823

Details

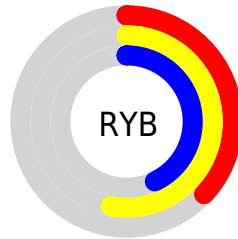
The HunterLab color $47.3387, -12.8199, 15.6823$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $36.1920, 10.0426, -15.6830$, and the grayscale version is $45.9048, -2.4494, 2.4941$.

A 20% lighter version of the original color is $68.7923, -15.1893, 19.0357$, and $28.6364, -9.9746, 11.9029$ is the 20% darker color. If you saturate the color by 10%, you get $46.7193, -15.6080, 18.7846$, and if you desaturate by 10%, it is $48.0179, -9.7796, 12.0363$.

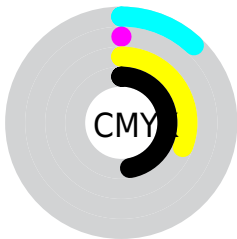
Distribution



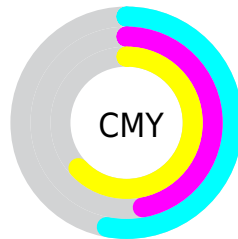
- Red (47%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (43%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3387, -12.8199, 15.6823 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 47.3387, -12.8199, 15.6823 by changing the saturation by 10% instead.

■ 47.3387, -12.8199,
15.6823

■ 47.3387, -12.8199,
15.6823

162.6907,
-24.6204, 30.7006

■ 37.6282, -11.4727,
13.8312

■ 68.8648, -15.4577,
19.1974

■ 28.6901, -10.0870,
11.8821

■ 80.5939, -16.7618,
20.8929

■ 20.5992, -8.6405,
9.7911

■ 92.9223, -18.0631,
22.5613

■ 13.4557, -7.0912,
8.1123

■ 105.8222,
-19.3649, 24.2099

■ 7.0266, -8.7911,
4.9186

119.2692,
-20.6698, 25.8443

0.0000, NaN, NaN

133.2421,

0.0000, NaN, NaN

-21.9798, 27.4687

0.0000, NaN, NaN

147.7216,
-23.2962, 29.0866

0.0000, NaN, NaN

■ 47.3387, -12.8199,
15.6823

■ 47.3387, -12.8199,
15.6823

■ 46.7193, -15.6080,
18.7846

■ 48.0179, -9.7796,
12.0363

■ 46.1561, -18.1341,
21.3427

■ 48.7538, -6.4922,
7.8508

■ 45.6492, -20.3966,
23.3657

■ 49.5472, -2.9696,
3.1371

■ 45.1971, -22.3966,
24.8713

■ 50.3974, 0.7760,
-2.0892

■ 44.7977, -24.1398,
25.8881

■ 51.3037, 4.7313,
-7.8092

■ 44.4479, -25.6385,
26.4585

■ 52.2649, 8.8823,
-14.0012

■ 44.1618, -26.8501,
26.7422

■ 53.2798, 13.2148,
-20.6418

■ 54.3471, 17.7148,
-27.7064

■ 55.4653, 22.3683,
-35.1697

Harmonies

Analogous

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



47.3397, -3.6404, 17.6861



47.3387, -12.8199, 15.6823



47.3397, -18.8150, 10.2318

Triad

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



47.3397, -12.8211, 15.6828



47.3397, -11.0404, -17.3175



47.3397, 18.7071, 3.6272

Complementary

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



47.3387, -12.8199, 15.6823



36.1920, 10.0426, -15.6830

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.



47.3397, 16.3092, -6.6179



47.3387, -12.8199, 15.6823



47.3397, -1.4062, -20.1144

Square

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



47.3397, -12.8211, 15.6828



47.3397, -17.8497, -8.8518



47.3397, 8.7264, -15.8476



47.3397, 15.0291, 11.7172

Rectangle

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



47.3387, -12.8199, 15.6823



47.3397, -20.4882, 4.7158



47.3397, 8.7264, -15.8476



47.3397, 18.5858, 0.3332

Sweetspot

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



47.3397, -12.8211, 15.6828



64.8921, -7.8504, 9.4142



41.3109, 4.1248, 10.3290



31.1649, -4.0610, 4.9023



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.3397, -12.8211, 15.6828



62.2645, -19.6161, 23.7448



45.9392, -18.0821, 14.3233



23.9820, -2.8959, 3.4722



42.9687, -26.0954, 26.0203



3.6205, -1.6586, 2.2019

Inverse Universe

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



36.1920, 10.0426, -15.6830



44.3550, 17.3392, -27.2351



38.1590, 16.0884, -12.3980



22.3138, 0.4929, -1.1370



15.4073, 37.3048, -74.6885



1.5400, 3.3630, -4.6306

Previews

White Background



This preview shows how the HunterLab color 47.3387, -12.8199, 15.6823 looks on a white background.

Color Contrast Check

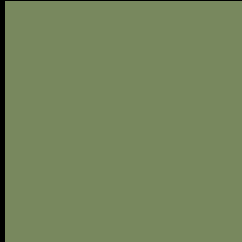
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3387, -12.8199, 15.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

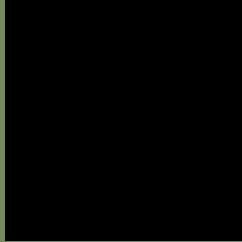
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

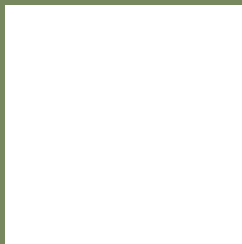
Any Text WCAG AAA × Fail

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

HunterLab 47.3387, -12.8199, 15.6823 Background



This preview shows how black text looks on a background with the HunterLab color 47.3387, -12.8199, 15.6823.



This preview shows how white text looks on a background with the HunterLab color 47.3387,

-12.8199, 15.6823.

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

47.3387, -12.8199, 15.6823

Protanopia

47.2187, -4.4331, 16.5905

Deuteranopia

47.3094, 3.1257, 15.3378



Tritanopia

47.2977, -1.7490, -1.9877

Trichromacy



Original Color

47.3387, -12.8199, 15.6823

Protanomaly

47.1824, -7.4505, 16.2197

Deuteranomaly

47.1991, -2.9104, 15.4330

Tritanomaly

47.1356, -6.2236, 5.3649

Monochromacy



Original Color

47.3387, -12.8199, 15.6823

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.3306, -6.5970, 8.0607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3387, -12.8199, 15.6823 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(120, 136, 94)` looks like.

```
.text, #text, p{  
    color:rgb(120, 136, 94)  
}
```

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(120, 136, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 136, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3387, -12.8199, 15.6823 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(120, 136, 94) }
```


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

```
.border{ border-color:rgb(120, 136, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 136, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 136, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 136, 94);  
box-shadow:4px 4px 4px 4px rgb(120, 136,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3387, -12.8199, 15.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 136, 94) }
```

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

```
.background{ background-color: rgb(120,  
136, 94) }
```

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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