

Converting Colors

HunterLab(17.0138, 18.0773,
-12.3083)

Have a look what the booklet for
HunterLab(17.0138, 18.0773,
-12.3083) contains.

HunterLab(17.0070, 18.0802, -12.4101)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.0070, 18.0802,
-12.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1E4B
RGB	74, 30, 75
RGB Percent	29%, 12%, 29%
CMY	0.7098, 0.8823, 0.7059
CMYK	0.01, 0.60, 0.00, 0.71
HSL	299°, 43%, 21%
HSV	299°, 60%, 29%
XYZ	4.5583, 2.8924, 6.9746
YIQ	48.2860, 11.7790, 23.3230

Conversions

Conversions Part 2

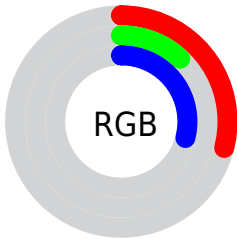
Format	Color
RYB	74, 30, 75
Decimal	4857419
CIELab	19.61, 28.18, -18.63
CIElCh	20, 33.779, 326.528
Yxy	2.8925, 0.3160, 0.2005
Android (android.graphics.Color)	4283047499 (0xFF4A1E4B)
YUV	48.2860, 13.1700, 22.5512
Hunter-Lab	17.0070, 18.0802, -12.4101

Details

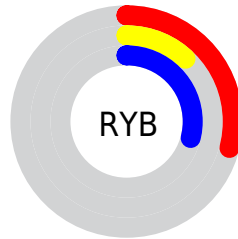
The HunterLab color **17.0070, 18.0802, -12.4101** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23.2750, -15.3035, 10.9448**, and the grayscale version is **17.2424, -0.9200, 0.9368**.

A 20% lighter version of the original color is **33.2386, 20.2604, -13.1781**, and **6.3719, 12.4645, -7.9177** is the 20% darker color. If you saturate the color by 10%, you get **15.9701, 20.9841, -14.5050**, and if you desaturate by 10%, it is **18.2348, 14.9218, -10.1464**.

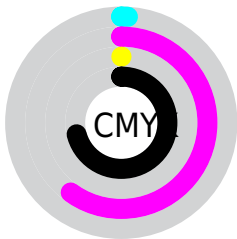
Distribution



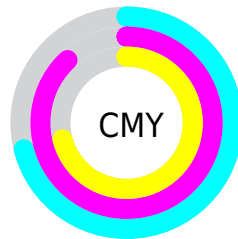
- Red (29%)
- Green (12%)
- Blue (29%)



- Red (29%)
- Yellow (12%)
- Blue (29%)



- Cyan (1%)
- Magenta (60%)
- Yellow (0%)
- Black (71%)



- Cyan (71%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0070, 18.0802, -12.4101 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 17.0070, 18.0802, -12.4101 by changing the saturation by 10% instead.

■ 17.0070, 18.0802,
-12.4101

■ 17.0070, 18.0802,
-12.4101

■ 112.6782, 25.4097,
-14.3007

■ 10.3724, 16.6560,
-11.9915

■ 33.1910, 20.5129,
-13.2685

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.5353, 21.5203,
-13.6094

0.0000, NaN, NaN

■ 52.6218, 22.4064,
-13.8812

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.3995, 23.1842,
-14.0856

0.0000, NaN, NaN

■ 74.8265, 23.8649,
-14.2261

0.0000, NaN, NaN

■ 86.8679, 24.4577,

0.0000, NaN, NaN

-14.3064

99.4937, 24.9705,
-14.3302

17.0070, 18.0802,
-12.4101

17.0070, 18.0802,
-12.4101

15.9701, 20.9841,
-14.5050

18.2348, 14.9218,
-10.1464

15.1406, 23.4837,
-16.3264

19.6317, 11.6364,
-7.8031

14.5154, 25.4743,
-17.7996

21.1774, 8.3138,
-5.4415

13.9198, 27.4866,
-19.2948

22.8525, 5.0119,
-3.1010

13.9196, 27.4872,
-19.2952

24.6402, 1.7634,
-0.8033

■ 26.5260, -1.4161,
1.4417

■ 28.4976, -4.5219,
3.6317

■ 30.5450, -7.5556,
5.7685

■ 32.6597, -10.5224,
7.8562

Harmonies

Analogous

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



17.0074, 8.4646, -24.5814



17.0070, 18.0802, -12.4101



17.0074, 22.5915, -0.2087

Triad

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



17.0074, 18.0796, -12.4095



17.0074, 0.2607, 11.8833



17.0074, -14.8177, -9.3209

Complementary

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



17.0070, 18.0802, -12.4101



23.2750, -15.3035, 10.9448

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.



17.0074, -16.0532, 1.9870



17.0070, 18.0802, -12.4101



17.0074, -8.6085, 11.0316

Square

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



17.0074, 18.0796, -12.4095



17.0074, 10.9259, 10.5330



17.0074, -14.0613, 8.1947



17.0074, -10.1919, -22.1916

Rectangle

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



17.0070, 18.0802, -12.4101



17.0074, 21.4804, 5.3166



17.0074, -14.0613, 8.1947



17.0074, -15.5900, -5.0792

Sweetspot

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



17.0074, 18.0796, -12.4095



30.0569, 5.9571, -3.6352



13.3807, 7.3816, -21.1211



14.9118, 3.3312, -2.0660



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



17.0074, 18.0796, -12.4095



20.2554, 28.9169, -20.0444



16.4038, 15.1664, -2.2413



13.1350, 0.7084, -0.2669



19.1141, 37.7522, -26.5530



46.4723, 91.8182, -64.7987

Inverse Universe

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



15.8853, 12.8027, 5.1739



18.4742, 21.1203, 8.0888



23.5526, -13.5611, 6.3910



13.0530, 0.2541, 0.9970



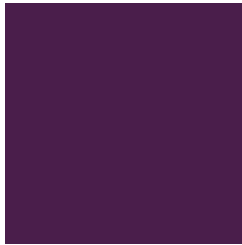
16.8218, 28.8374, 10.6411



40.9287, 70.1189, 26.2355

Previews

White Background



This preview shows how the HunterLab color 17.0070, 18.0802, -12.4101 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

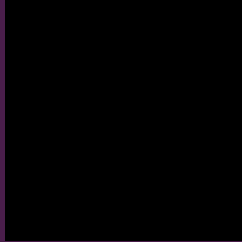
Any Text WCAG AA × Fail

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 17.0070, 18.0802, -12.4101 Background



This preview shows how black text looks on a background with the HunterLab color 17.0070, 18.0802, -12.4101.



This preview shows how white text looks on a background with the HunterLab color 17.0070, 18.0802, -12.4101.

-12.4101.

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

17.0070, 18.0802, -12.4101

Protanopia

17.3062, 3.8105, -23.1777

Deuteranopia

17.3028, 0.9370, -10.3300



Tritanopia

17.0889, 8.4210, 3.0776

Trichromacy



Original Color

17.0070, 18.0802, -12.4101

Protanomaly

16.5992, 7.8240, -20.3323

Deuteranomaly

16.6455, 6.9101, -12.0741

Tritanomaly

16.9342, 11.4241, -1.5844

Monochromacy



Original Color

17.0070, 18.0802, -12.4101

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.6169, 5.7676, -3.9426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0070, 18.0802, -12.4101 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(74, 30, 75)` looks like.

```
.text, #text, p{  
    color:rgb(74, 30, 75)  
}
```

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(74, 30, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 30, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0070, 18.0802, -12.4101 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(74, 30, 75) }
```


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

```
.border{ border-color:rgb(74, 30, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 30, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 30, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 30, 75);  
box-shadow:4px 4px 4px 4px rgb(74, 30, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0070, 18.0802, -12.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 30, 75) }
```

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

```
.background{ background-color: rgb(74, 30,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor