

Converting Colors

HunterLab(16.7925, -14.8678,
4.1931)

Have a look what the booklet for
HunterLab(16.7925, -14.8678,
4.1931) contains.

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Color

**HunterLab(17.4746,
-12.3823, 4.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	003924
RGB	0, 57, 36
RGB Percent	0%, 22%, 14%
CMY	1.0000, 0.7765, 0.8588
CMYK	1.00, 0.00, 0.37, 0.78
HSL	158°, 100%, 11%
HSV	158°, 100%, 22%
XYZ	1.7816, 3.0536, 2.1646
YIQ	37.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

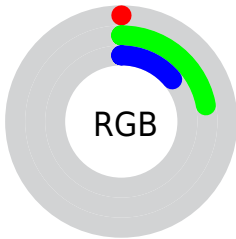
Format	Color
RYB	0, 35, 57
Decimal	14628
CIELab	20.26, -23.46, 8.33
CIELCh	20, 24.900, 160.447
Yxy	3.0537, 0.2545, 0.4362
Android (android.graphics.Color)	4278204708 (0xFF003924)
YUV	37.5630, -0.7706, -32.9428
Hunter-Lab	17.4746, -12.3823, 4.8880

Details

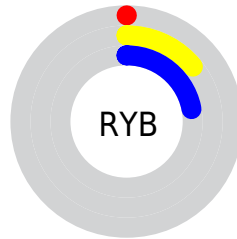
The HunterLab color **17.4746, -12.3823, 4.8880** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.6128, 17.0249, 1.8451**, and the grayscale version is **13.7908, -0.7358, 0.7493**.

A 20% lighter version of the original color is **33.8844, -16.8482, 6.9632**, and **2.0837, -1.7867, 1.2527** is the 20% darker color. If you saturate the color by 10%, you get **17.4749, -12.3825, 4.8882**, and if you desaturate by 10%, it is **17.6174, -11.7213, 4.4506**.

Distribution



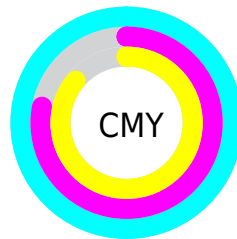
- Red (0%)
- Green (22%)
- Blue (14%)



- Red (0%)
- Yellow (14%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4746, -12.3823, 4.8880 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 17.4746, -12.3823, 4.8880 by changing the saturation by 10% instead.

■ 17.4746, -12.3823,
4.8880

■ 17.4746, -12.3823,
4.8880

■ 113.5535,
-29.9249, 14.2819

■ 10.7696, -10.4509,
3.9391

■ 33.7744, -16.8800,
6.9893

■ 1.6895, -2.9566,
1.1826

■ 43.1687, -18.9148,
8.0146

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.3015, -20.8634,
9.0384

0.0000, NaN, NaN

■ 64.1226, -22.7490,
10.0665

0.0000, NaN, NaN

■ 75.5905, -24.5879,
11.1028


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 87.6707, -26.3916,


12.1497


0.0000, NaN, NaN


 100.3336,
-28.1684, 13.2090


 17.4746, -12.3823,
4.8880


 17.4746, -12.3823,
4.8880


 17.4749, -12.3825,
4.8882

 17.6174, -11.7213,
4.4506

 17.7619, -11.0545,
3.9903

 17.9326, -10.2849,
3.5339

 18.1413, -9.3704,
3.0970

 18.3891, -8.3121,
2.6841

■ 18.6769, -7.1140,
2.2993

■ 19.0050, -5.7825,
1.9462

■ 19.3732, -4.3263,
1.6272

■ 19.7811, -2.7549,
1.3444

Harmonies

Analogous

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



17.4749, -9.2091, 8.4145



17.4746, -12.3823, 4.8880



17.4749, -12.7998, -1.6738

Triad

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



17.4749, -12.3824, 4.8881



17.4749, 1.7110, -18.1765



17.4749, 11.2112, 7.6313

Complementary

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



17.4746, -12.3823, 4.8880



9.6128, 17.0249, 1.8451

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.



17.4749, 15.3002, 3.2232



17.4746, -12.3823, 4.8880



17.4749, 9.2428, -12.7312

Square

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



17.4749, -12.3824, 4.8881



17.4749, -5.4277, -17.1162



17.4749, 14.5254, -4.1886



17.4749, 4.0668, 9.5133

Rectangle

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



17.4746, -12.3823, 4.8880



17.4749, -11.5489, -7.3513



17.4749, 14.5254, -4.1886



17.4749, 13.0382, 6.4962

Sweetspot

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



17.4749, -12.3824, 4.8881



24.5060, -7.7308, 2.5784



17.5933, -12.6192, 10.6199



13.0889, -4.2722, 1.4139



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.4749, -12.3824, 4.8881



22.5693, -16.1444, 6.6413



16.1454, -7.3125, -4.3946



10.5919, -1.3223, 0.6937



28.1513, -20.2685, 8.5672



72.5736, -53.1334, 23.9890

Inverse Universe

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



9.6128, 17.0249, 1.8451



12.3860, 21.8595, 2.9799



10.0711, 13.5627, 6.4430



10.1449, 0.2413, 0.4481



15.4256, 27.1588, 4.2155



39.6203, 69.3426, 14.0384

Previews

White Background



This preview shows how the HunterLab color 17.4746, -12.3823, 4.8880 looks on a white background.

Color Contrast Check

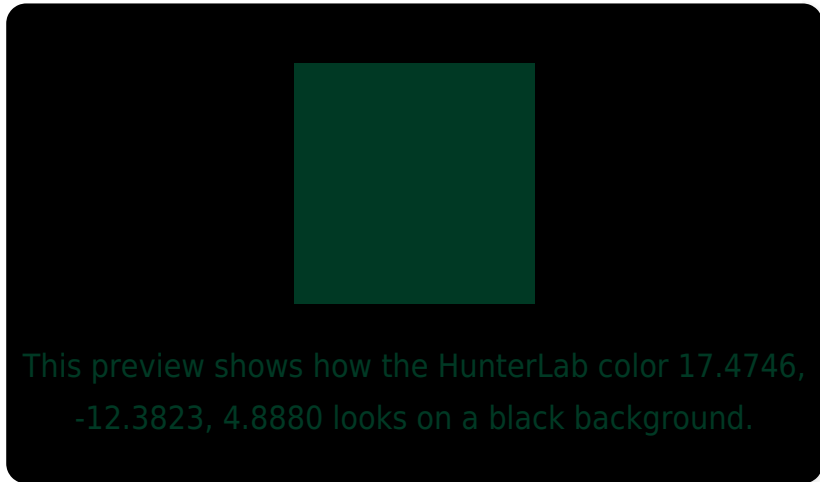
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4746, -12.3823, 4.8880 Background



This preview shows how black text looks on a background with the HunterLab color 17.4746, -12.3823, 4.8880.



This preview shows how white text looks on a background with the HunterLab color 17.4746,

-12.3823, 4.8880.

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

17.4746, -12.3823, 4.8880

Protanopia

17.5804, -1.3804, 5.9563

Deuteranopia

17.5286, 1.0084, 4.6162



Tritanopia

17.6148, -6.5352, -3.1873

Trichromacy



Original Color

17.4746, -12.3823, 4.8880

Protanomaly

17.0633, -7.0932, 5.1316

Deuteranomaly

17.0133, -5.8447, 4.2817

Tritanomaly

17.4842, -8.8546, -0.0021

Monochromacy



Original Color

17.4746, -12.3823, 4.8880

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.8477, -6.1590, 2.0521

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4746, -12.3823, 4.8880 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(0, 57, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 36)  
}
```

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(0, 57, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4746, -12.3823, 4.8880 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(0, 57, 36) }
```


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

```
.border{ border-color:rgb(0, 57, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 36); box-shadow:4px  
4px 4px 4px rgb(0, 57, 36) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.4746, -12.3823, 4.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 36) }
```

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

```
.background{ background-color: rgb(0, 57,  
36) }
```

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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