

Converting Colors

HunterLab(11.0350, -17.7418,
2.0401)

Have a look what the booklet for
HunterLab(11.0350, -17.7418,
2.0401) contains.

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Color

**HunterLab(12.8364, -9.2868,
4.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	002917
RGB	0, 41, 23
RGB Percent	0%, 16%, 9%
CMY	1.0000, 0.8392, 0.9098
CMYK	1.00, 0.00, 0.44, 0.84
HSL	154°, 100%, 8%
HSV	154°, 100%, 16%
XYZ	0.9476, 1.6477, 1.0787
YIQ	26.6890, -18.6580, -14.2900

Conversions

Conversions Part 2

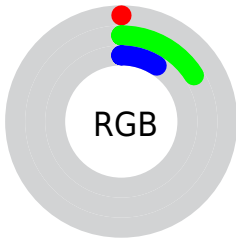
Format	Color
RYB	0, 26, 41
Decimal	10519
CIELab	13.52, -19.62, 7.94
CIELCh	14, 21.165, 157.972
Yxy	1.6478, 0.2579, 0.4485
Android (android.graphics.Color)	4278200599 (0xFF002917)
YUV	26.6890, -1.8187, -23.4063
Hunter-Lab	12.8364, -9.2868, 4.0030

Details

The HunterLab color **12.8364, -9.2868, 4.0030** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.1771, 12.8994, -0.0793**, and the grayscale version is **10.3835, -0.5540, 0.5642**.

A 20% lighter version of the original color is **27.9537, -13.3906, 6.0583**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.8367, -9.2869, 4.0031**, and if you desaturate by 10%, it is **12.9681, -8.6872, 3.6853**.

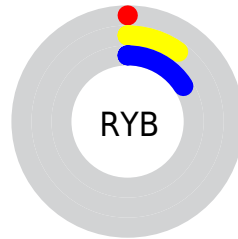
Distribution



Red (0%)

Green (16%)

Blue (9%)



Red (0%)

Yellow (10%)

Blue (16%)

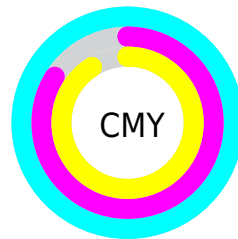


Cyan (100%)

Magenta (0%)

Yellow (44%)

Black (84%)



Cyan (100%)

Magenta (84%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8364, -9.2868, 4.0030 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 12.8364, -9.2868, 4.0030 by changing the saturation by 10% instead.

■ 12.8364, -9.2868,
4.0030

■ 12.8364, -9.2868,
4.0030

■ 104.5840,
-25.0967, 13.1989

■ 6.2410, -10.9218,
4.3687

■ 27.8909, -13.3761,
6.0881

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7527, -15.2030,
7.0919

0.0000, NaN, NaN

■ 46.3941, -16.9491,
8.0909

0.0000, NaN, NaN

■ 56.7563, -18.6391,
9.0926

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.7925, -20.2890,
10.1017


0.0000, NaN, NaN


■ 79.4636, -21.9102,


0.0000, NaN, NaN


11.1212


 91.7368, -23.5107,
12.1532


 12.8364, -9.2868,
4.0030


 12.8364, -9.2868,
4.0030


 12.8367, -9.2869,
4.0031

 12.9681, -8.6872,
3.6853

 13.1002, -8.0888,
3.3466

 13.2365, -7.4770,
2.9910

 13.3956, -6.7794,
2.6394

 13.5803, -5.9887,
2.2971

■ 13.7910, -5.1082,
1.9668

■ 14.0277, -4.1426,
1.6511

■ 14.2902, -3.0976,
1.3518

■ 14.5782, -1.9793,
1.0707

Harmonies

Analogous

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



12.8367, -6.7116, 6.8471



12.8364, -9.2868, 4.0030



12.8367, -9.7733, -0.8194

Triad

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



12.8367, -9.2869, 4.0031



12.8367, 0.8567, -14.3361



12.8367, 9.0548, 5.6644

Complementary

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



12.8364, -9.2868, 4.0030



7.1771, 12.8994, -0.0793

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.



12.8367, 11.9484, 2.0514



12.8364, -9.2868, 4.0030



12.8367, 6.7092, -10.4155

Square

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



12.8367, -9.2869, 4.0031



12.8367, -4.5130, -13.0550



12.8367, 11.0229, -3.8153



12.8367, 3.6504, 7.7949

Rectangle

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



12.8364, -9.2868, 4.0030



12.8367, -8.9433, -5.1579



12.8367, 11.0229, -3.8153



12.8367, 10.3925, 4.6649

Sweetspot

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



12.8367, -9.2869, 4.0031



17.8891, -5.5443, 2.1881



13.1107, -8.6357, 7.9276



10.1261, -3.1618, 1.2461



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

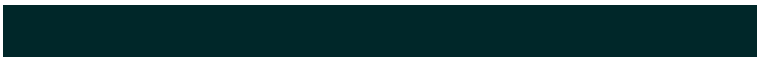
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.8367, -9.2869, 4.0031



16.4030, -12.0209, 5.4474



12.6803, -6.3659, -2.1071



8.3391, -0.9923, 0.5785



25.6337, -19.0993, 9.1901



69.4533, -52.7432, 27.0468

Inverse Universe

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



7.1771, 12.8994, -0.0793



9.1422, 16.3555, 0.4873



7.1829, 10.7085, 4.6135



8.0326, 0.1345, 0.3196



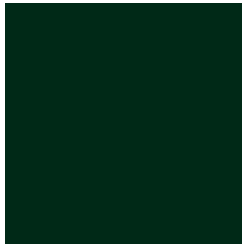
14.2301, 25.3057, 1.9384



38.3848, 67.7903, 8.8724

Previews

White Background



This preview shows how the HunterLab color 12.8364, -9.2868, 4.0030 looks on a white background.

Color Contrast Check

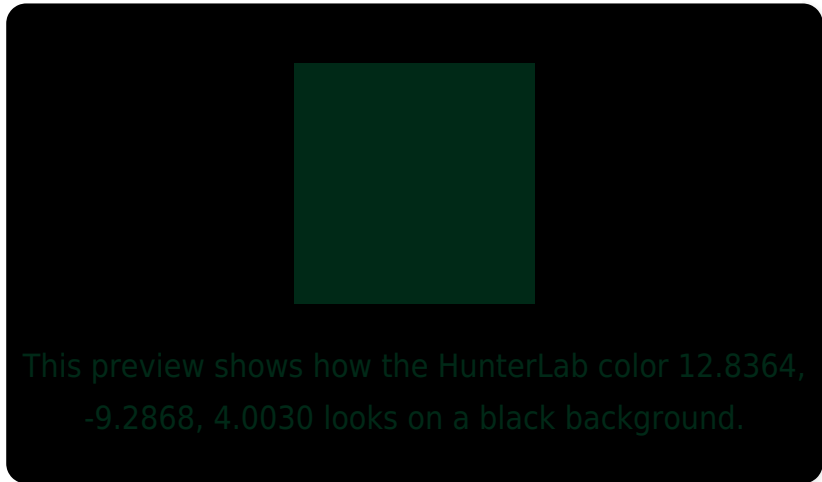
Large Text (above 18pt) WCAG AA ✓ Pass

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

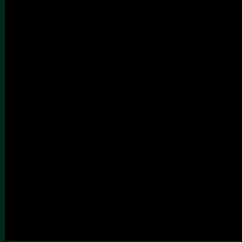
Any Text WCAG AA × Fail

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 12.8364, -9.2868, 4.0030 Background



This preview shows how black text looks on a background with the HunterLab color 12.8364, -9.2868, 4.0030.



This preview shows how white text looks on a background with the HunterLab color 12.8364, -9.2868,

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

12.8364, -9.2868, 4.0030

Protanopia

12.9905, -1.1180, 4.7471

Deuteranopia

13.0632, 0.4006, 3.8823



Tritanopia

13.1140, -4.7042, -1.9051

Trichromacy



Original Color

12.8364, -9.2868, 4.0030

Protanomaly

12.6005, -4.9484, 4.1061

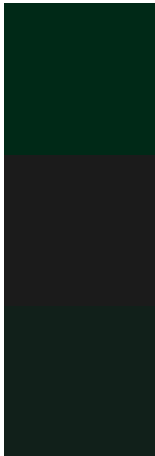
Deuteranomaly

12.7362, -4.3708, 3.7486

Tritanomaly

13.0517, -6.6019, 0.7034

Monochromacy



Original Color

12.8364, -9.2868, 4.0030

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

11.0760, -4.3286, 1.5178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8364, -9.2868, 4.0030 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, 41, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 41, 23)  
}
```

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, 41, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 41, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8364, -9.2868, 4.0030 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, 41, 23) }
```


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

```
.border{ border-color:rgb(0, 41, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 41, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 41, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 41, 23); box-shadow:4px  
4px 4px 4px rgb(0, 41, 23) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8364, -9.2868, 4.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 41, 23) }
```

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

```
.background{ background-color: rgb(0, 41,  
23) }
```

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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