

Converting Colors

HunterLab(12.1172, -4.2333,
-21.1764)

Have a look what the booklet for
HunterLab(12.1172, -4.2333,
-21.1764) contains.

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Color

**HunterLab(13.2866, 0.4882,
-17.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	002546
RGB	0, 37, 70
RGB Percent	0%, 15%, 27%
CMY	1.0000, 0.8549, 0.7255
CMYK	1.00, 0.47, 0.00, 0.73
HSL	208°, 100%, 14%
HSV	208°, 100%, 27%
XYZ	1.7671, 1.7653, 6.0420
YIQ	29.6990, -32.6450, 2.4190

Conversions

Conversions Part 2

Format	Color
RYB	0, 24, 70
Decimal	9542
CIELab	14.20, 2.27, -24.21
CIELCh	14, 24.314, 275.350
Yxy	1.7654, 0.1846, 0.1844
Android (android.graphics.Color)	4278199622 (0xFF002546)
YUV	29.6990, 19.8684, -26.0460
Hunter-Lab	13.2866, 0.4882, -17.6610

Details

The HunterLab color **13.2866, 0.4882, -17.6610** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15.4599, 8.3894, 9.6727**, and the grayscale version is **11.2490, -0.6002, 0.6112**.

A 20% lighter version of the original color is **28.4370, 0.1976, -18.8621**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **13.2862, 0.4890, -17.6623**, and if you desaturate by 10%, it is **14.2314, -0.2944, -15.3761**.

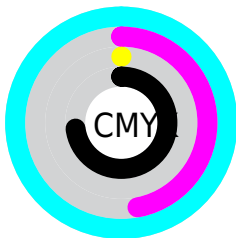
Distribution



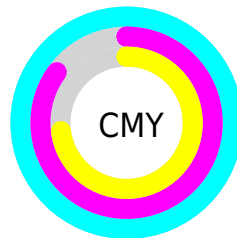
- Red (0%)
- Green (15%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.2866, 0.4882, -17.6610 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 13.2866, 0.4882, -17.6610 by changing the saturation by 10% instead.

■ 13.2866, 0.4882,
-17.6610

■ 13.2866, 0.4882,
-17.6610

■ 105.4858, -3.2747,
-21.0168

■ 6.8225, 1.0835,
-19.5699

■ 28.4726, 0.0134,
-18.5869

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.3901, -0.3200,
-19.0974

0.0000, NaN, NaN

■ 47.0826, -0.7060,
-19.5642

0.0000, NaN, NaN

■ 57.4925, -1.1392,
-19.9742

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.5733, -1.6157,
-20.3236

0.0000, NaN, NaN

■ 80.2867, -2.1321,

0.0000, NaN, NaN

-20.6126

■ 92.6002, -2.6858,
-20.8429

■ 13.2866, 0.4882,
-17.6610

■ 13.2866, 0.4882,
-17.6610

■ 13.2862, 0.4890,
-17.6623

■ 14.2314, -0.2944,
-15.3761

■ 15.1900, -1.0525,
-13.2753

■ 16.2074, -1.6286,
-11.2387

■ 17.2846, -2.0166,
-9.2606

■ 18.4168, -2.2330,
-7.3450

■ 19.5990, -2.2953,
-5.4923

■ 20.8271, -2.2205,
-3.7006

■ 22.0971, -2.0239,
-1.9666

■ 23.4054, -1.7197,
-0.2861

Harmonies

Analogous

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



13.2868, -5.5775, -15.4850



13.2866, 0.4882, -17.6610



13.2868, 7.4154, -13.2812

Triad

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



13.2868, 0.4885, -17.6607



13.2868, 11.2402, 6.0490



13.2868, -10.3502, 4.8216

Complementary

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



13.2866, 0.4882, -17.6610



15.4599, 8.3894, 9.6727

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.



13.2868, -7.2556, 7.8472



13.2866, 0.4882, -17.6610



13.2868, 4.9788, 8.5544

Square

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



13.2868, 0.4885, -17.6607



13.2868, 14.3479, 1.7954



13.2868, -1.8668, 9.2126



13.2868, -11.0910, -0.4464

Rectangle

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



13.2866, 0.4882, -17.6610



13.2868, 11.3578, -8.0813



13.2868, -1.8668, 9.2126



13.2868, -9.5848, 5.9731

Sweetspot

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



13.2868, 0.4885, -17.6607



27.2643, -2.9500, -5.1707



21.1857, -16.3471, 8.8093



13.6251, -1.5047, -2.8333



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.2868, 0.4885, -17.6607



17.1053, 1.3862, -24.3725



7.0212, 16.4643, -44.3154



12.5687, -0.8899, -0.0313



18.4827, 1.7182, -26.8107



43.5487, 8.0992, -71.9161

Inverse Universe

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



11.9824, 21.6328, -0.8984



15.7567, 28.3656, -0.5293



23.2297, -5.5135, 14.2172



12.3504, 0.4438, 0.3467



17.1205, 30.7973, -0.3942



42.0448, 75.2256, 2.1883

Previews

White Background



This preview shows how the HunterLab color 13.2866, 0.4882, -17.6610 looks on a white background.

Color Contrast Check

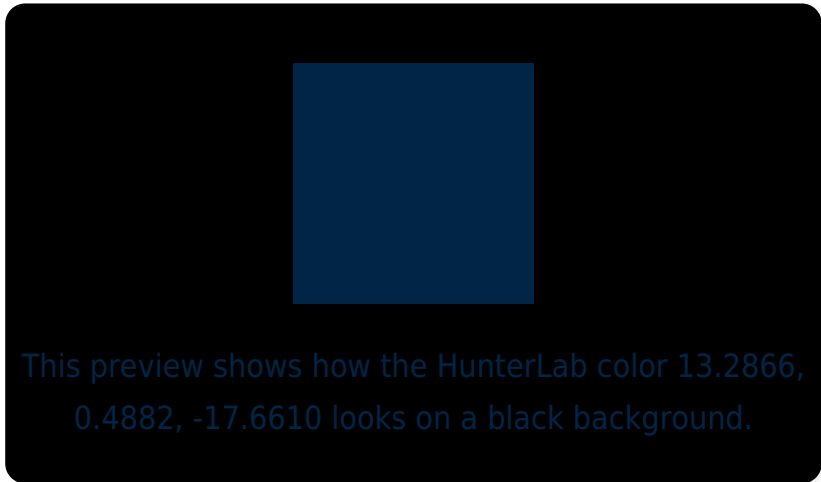
Large Text (above 18pt) WCAG AA ✓ Pass

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

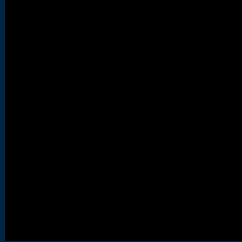
Any Text WCAG AA × Fail

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 13.2866, 0.4882, -17.6610 Background



This preview shows how black text looks on a background with the HunterLab color 13.2866, 0.4882, -17.6610.



This preview shows how white text looks on a background with the HunterLab color 13.2866, 0.4882, -17.6610.

-17.6610.

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

13.2866, 0.4882, -17.6610

Protanopia

13.5652, 2.4933, -16.2058

Deuteranopia

13.3401, -0.9125, -14.7040



Tritanopia

13.2956, -6.5181, -2.5476

Trichromacy



Original Color

13.2866, 0.4882, -17.6610

Protanomaly

13.3304, 1.7259, -16.7974

Deuteranomaly

13.3846, -0.6683, -15.2868

Tritanomaly

13.3215, -4.5348, -6.8614

Monochromacy



Original Color

13.2866, 0.4882, -17.6610

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.8980, -1.5272, -5.0666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.2866, 0.4882, -17.6610 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, 37, 70)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 70)  
}
```

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, 37, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 13.2866, 0.4882, -17.6610 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, 37, 70) }
```


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

```
.border{ border-color:rgb(0, 37, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 37, 70); box-shadow:4px  
4px 4px 4px rgb(0, 37, 70) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.2866, 0.4882, -17.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 70) }
```

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

```
.background{ background-color: rgb(0, 37,  
70) }
```

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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