

Converting Colors

HunterLab(16.6768, -14.7055,
-0.9543)

Have a look what the booklet for
HunterLab(16.6768, -14.7055,
-0.9543) contains.

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Color

**HunterLab(17.7912,
-10.4598, 0.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	003933
RGB	0, 57, 51
RGB Percent	0%, 22%, 20%
CMY	1.0000, 0.7765, 0.8000
CMYK	1.00, 0.00, 0.11, 0.78
HSL	174°, 100%, 11%
HSV	174°, 100%, 22%
XYZ	2.0607, 3.1653, 3.6343
YIQ	39.2730, -32.0460, -13.9500

Conversions

Conversions Part 2

Format	Color
RYB	0, 30, 57
Decimal	14643
CIELab	20.69, -18.74, -1.13
CIELCh	21, 18.777, 183.447
Yxy	3.1654, 0.2326, 0.3572
Android (android.graphics.Color)	4278204723 (0xFF003933)
YUV	39.2730, 5.7814, -34.4424
Hunter-Lab	17.7912, -10.4598, 0.3423

Details

The HunterLab color **17.7912, -10.4598, 0.3423** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.3973, 16.2316, 4.9871**, and the grayscale version is **14.3217, -0.7642, 0.7781**.

A 20% lighter version of the original color is **34.0234, -13.9838, 1.0125**, and **3.4569, -1.8327, -0.3646** is the 20% darker color. If you saturate the color by 10%, you get **17.7915, -10.4601, 0.3426**, and if you desaturate by 10%, it is **17.9095, -9.9586, 0.2616**.

Distribution



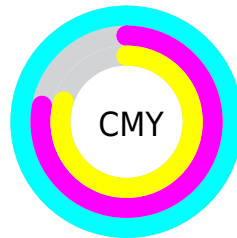
- Red (0%)
- Green (22%)
- Blue (20%)



- Red (0%)
- Yellow (12%)
- Blue (22%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (78%)



- Cyan (100%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7912, -10.4598, 0.3423 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 17.7912, -10.4598, 0.3423 by changing the saturation by 10% instead.

■ 17.7912, -10.4598,
0.3423

■ 17.7912, -10.4598,
0.3423

■ 114.1430,
-25.3597, 5.0646

■ 11.0394, -8.5218,
0.0635

■ 34.1683, -14.1667,
1.0867

■ 2.7727, -4.8522,
-1.5369

■ 43.5961, -15.8730,
1.5359

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7600, -17.5224,
2.0297

0.0000, NaN, NaN

■ 64.6100, -19.1318,
2.5646

0.0000, NaN, NaN

■ 76.1054, -20.7130,
3.1377


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.2116, -22.2742,


3.7466


0.0000, NaN, NaN


 100.8993,
-23.8216, 4.3895


 17.7912, -10.4598,
0.3423


 17.7912, -10.4598,
0.3423


 17.7915, -10.4601,
0.3426

 17.9095, -9.9586,
0.2616

 18.0278, -9.4593,
0.1802

 18.1705, -8.8680,
0.1294

 18.3492, -8.1425,
0.1241

 18.5654, -7.2815,
0.1664

■ 18.8200, -6.2866,
0.2573

■ 19.1136, -5.1621,
0.3969

■ 19.4464, -3.9139,
0.5847

■ 19.8180, -2.5498,
0.8194

Harmonies

Analogous

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



17.7915, -9.5817, 4.9603



17.7912, -10.4598, 0.3423



17.7915, -9.0612, -5.6405

Triad

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



17.7915, -10.4599, 0.3425



17.7915, 5.3712, -9.8522



17.7915, 4.1150, 7.9026

Complementary

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



17.7912, -10.4598, 0.3423



9.3973, 16.2316, 4.9871

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.



17.7915, 8.9378, 5.7332



17.7912, -10.4598, 0.3423



17.7915, 9.7236, -4.2365

Square

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



17.7915, -10.4599, 0.3425



17.7915, -0.2993, -12.5626



17.7915, 11.1026, 1.5724



17.7915, -1.5920, 8.4510

Rectangle

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



17.7912, -10.4598, 0.3423



17.7915, -6.9108, -9.3610



17.7915, 11.1026, 1.5724



17.7915, 5.9157, 7.3806

Sweetspot

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



17.7915, -10.4599, 0.3425



24.6528, -6.8910, 0.4836



17.2316, -14.1357, 10.3703



13.1709, -3.8024, 0.2440



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.



17.7915, -10.4599, 0.3425



22.9917, -13.5775, 0.5722



12.2737, -1.9317, -11.1703



10.6083, -1.2317, 0.4607



28.6896, -16.9951, 0.8279



74.0371, -44.2221, 2.9229

Inverse Universe

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



9.3973, 16.2316, 4.9871



12.1282, 20.9105, 6.7465



11.9920, 8.3598, 7.5354



10.1287, 0.1535, 0.6797



15.1202, 26.0339, 8.6846



38.9472, 66.8580, 23.9286

Previews

White Background



This preview shows how the HunterLab color 17.7912, -10.4598, 0.3423 looks on a white background.

Color Contrast Check

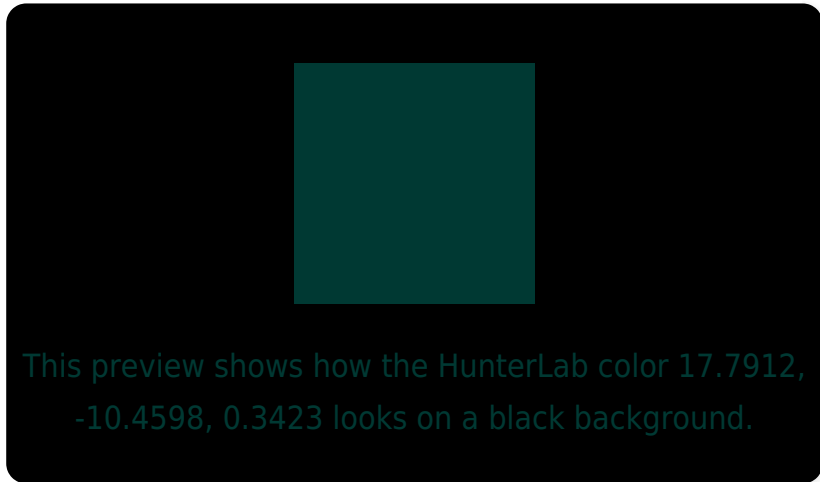
Large Text (above 18pt) WCAG AA ✓ Pass

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

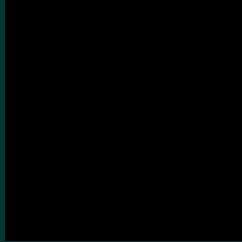
Any Text WCAG AA × Fail

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 17.7912, -10.4598, 0.3423 Background



This preview shows how black text looks on a background with the HunterLab color 17.7912, -10.4598, 0.3423.



This preview shows how white text looks on a background with the HunterLab color 17.7912, -10.4598, 0.3423.

-10.4598, 0.3423.

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

17.7912, -10.4598, 0.3423

Protanopia

17.9346, -0.8318, 2.1460

Deuteranopia

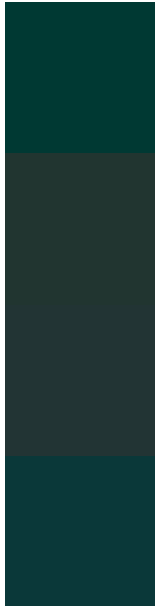
17.9943, 0.8709, 0.0054



Tritanopia

18.0448, -7.5725, -3.0597

Trichromacy



Original Color

17.7912, -10.4598, 0.3423

Protanomaly

17.5583, -5.9847, 1.2721

Deuteranomaly

17.4471, -4.8781, -0.3750

Tritanomaly

17.8558, -8.4763, -1.9990

Monochromacy



Original Color

17.7912, -10.4598, 0.3423

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

15.2810, -5.5527, 0.4511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7912, -10.4598, 0.3423 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7912, -10.4598, 0.3423 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, 51) }
```


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

```
.border{ border-color:rgb(0, 57, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 51); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 57, 51); box-shadow:4px  
4px 4px 4px rgb(0, 57, 51) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.7912, -10.4598, 0.3423 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, 51) }
```

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

```
.background{ background-color: rgb(0, 57,  
51) }
```

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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