

Converting Colors

HunterLab(15.7746, -11.1355,
0.7241)

Have a look what the booklet for
HunterLab(15.7746, -11.1355,
0.7241) contains.

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Color

**HunterLab(15.9672, -9.6260,
0.8222)**

Conversions

Conversions Part 1

Format	Color
Hex	00332C
RGB	0, 51, 44
RGB Percent	0%, 20%, 17%
CMY	1.0000, 0.8000, 0.8274
CMYK	1.00, 0.00, 0.14, 0.80
HSL	172°, 100%, 10%
HSV	172°, 100%, 20%
XYZ	1.6385, 2.5495, 2.7886
YIQ	34.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

Format	Color
RYB	0, 27, 51
Decimal	13100
CIELab	18.14, -18.00, -0.09
CIELCh	18, 17.998, 180.283
Yxy	2.5496, 0.2349, 0.3654
Android (android.graphics.Color)	4278203180 (0xFF00332C)
YUV	34.9530, 4.4602, -30.6538
Hunter-Lab	15.9672, -9.6260, 0.8222

Details

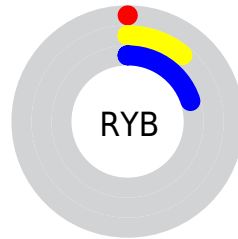
The HunterLab color **15.9672, -9.6260, 0.8222** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.4807, 14.7031, 4.0774**, and the grayscale version is **12.9425, -0.6906, 0.7032**.

A 20% lighter version of the original color is **31.9166, -13.4221, 1.8748**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.9675, -9.6263, 0.8224**, and if you desaturate by 10%, it is **16.0867, -9.1148, 0.7139**.

Distribution



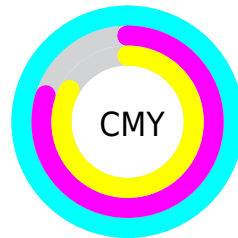
- Red (0%)
- Green (20%)
- Blue (17%)



- Red (0%)
- Yellow (11%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9672, -9.6260, 0.8222 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 15.9672, -9.6260, 0.8222 by changing the saturation by 10% instead.

■ 15.9672, -9.6260,
0.8222

■ 15.9672, -9.6260,
0.8222

■ 110.7104,
-24.2354, 5.9372

■ 9.4942, -8.7688,
0.4774

■ 31.8866, -13.2789,
1.6768

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1170, -14.9517,
2.1741

0.0000, NaN, NaN

■ 51.0981, -16.5666,
2.7125

0.0000, NaN, NaN

■ 61.7772, -18.1414,
3.2893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1113, -19.6882,
3.9021

0.0000, NaN, NaN

■ 85.0646, -21.2156,

0.0000, NaN, NaN

4.5487

■ 97.6064, -22.7298,
5.2276

■ 15.9672, -9.6260,
0.8222

■ 15.9672, -9.6260,
0.8222

■ 15.9675, -9.6263,
0.8224

■ 16.0867, -9.1148,
0.7139

■ 16.2054, -8.6099,
0.6032

■ 16.3399, -8.0467,
0.5109

■ 16.5056, -7.3672,
0.4569

■ 16.7038, -6.5712,
0.4429

■ 16.9351, -5.6605,
0.4700

■ 17.2000, -4.6390,
0.5387

■ 17.4985, -3.5122,
0.6487

■ 17.8304, -2.2868,
0.7991

Harmonies

Analogous

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



15.9675, -8.6006, 4.8817



15.9672, -9.6260, 0.8222



15.9675, -8.5613, -4.6716

Triad

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



15.9675, -9.6261, 0.8224



15.9675, 4.4747, -9.6411



15.9675, 4.3790, 7.0932

Complementary

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



15.9672, -9.6260, 0.8222



8.4807, 14.7031, 4.0774

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.



15.9675, 8.6686, 4.9397



15.9672, -9.6260, 0.8222



15.9675, 8.7286, -4.5641

Square

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



15.9675, -9.6261, 0.8224



15.9675, -0.8037, -11.7711



15.9675, 10.3515, 0.9158



15.9675, -0.9019, 7.7295

Rectangle

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



15.9672, -9.6260, 0.8222



15.9675, -6.7206, -8.2483



15.9675, 10.3515, 0.9158



15.9675, 6.0076, 6.5657

Sweetspot

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



15.9675, -9.6261, 0.8224



22.1072, -6.1944, 0.6767



15.5471, -12.5153, 9.3607



11.6598, -3.3196, 0.3535



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

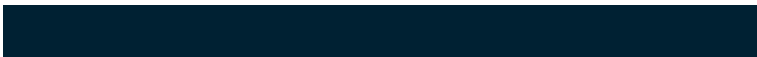
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9675, -9.6261, 0.8224



20.5645, -12.4712, 1.2179



11.5550, -2.5232, -8.9952



9.8450, -1.1336, 0.4566



27.7889, -16.9456, 1.8469



72.8592, -44.8974, 5.8529

Inverse Universe

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



8.4807, 14.7031, 4.0774



10.9025, 18.8538, 5.6269



10.6380, 7.8821, 6.6927



9.4179, 0.1299, 0.6025



14.7085, 25.3734, 8.0727



38.4784, 66.1359, 23.0008

Previews

White Background



This preview shows how the HunterLab color 15.9672, -9.6260, 0.8222 looks on a white background.

Color Contrast Check

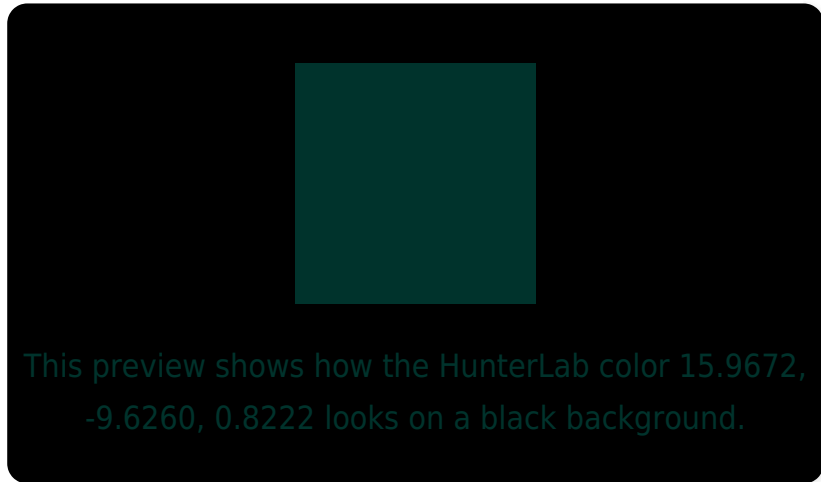
Large Text (above 18pt) WCAG AA ✓ Pass

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

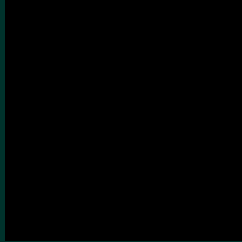
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

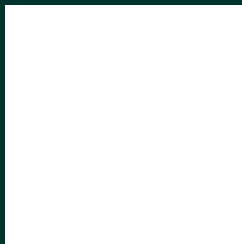
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.9672, -9.6260, 0.8222 Background



This preview shows how black text looks on a background with the HunterLab color 15.9672, -9.6260, 0.8222.



This preview shows how white text looks on a background with the HunterLab color 15.9672, -9.6260,

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

15.9672, -9.6260, 0.8222

Protanopia

16.2518, -0.8622, 2.3459

Deuteranopia

16.2837, 0.6670, 0.6343



Tritanopia

16.2509, -6.6076, -2.8351

Trichromacy



Original Color

15.9672, -9.6260, 0.8222

Protanomaly

15.7360, -5.1931, 1.3522

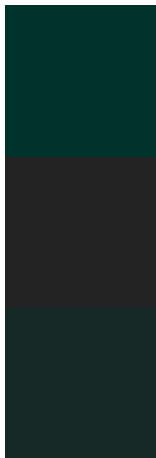
Deuteranomaly

15.8550, -4.6076, 0.4053

Tritanomaly

16.0299, -7.6857, -1.4183

Monochromacy



Original Color

15.9672, -9.6260, 0.8222

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.7709, -4.9974, 0.5031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9672, -9.6260, 0.8222 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, 51, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 44)  
}
```

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, 51, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9672, -9.6260, 0.8222 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, 51, 44) }
```


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

```
.border{ border-color:rgb(0, 51, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 44); box-shadow:4px  
4px 4px 4px rgb(0, 51, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9672, -9.6260, 0.8222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 44) }
```

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

```
.background{ background-color: rgb(0, 51,  
44) }
```

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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