

Converting Colors

HunterLab(15.9000, -10.0320,
1.7826)

Have a look what the booklet for
HunterLab(15.9000, -10.0320,
1.7826) contains.

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Color

**HunterLab(15.8989,
-10.0385, 1.7979)**

Conversions

Conversions Part 1

Format	Color
Hex	003329
RGB	0, 51, 41
RGB Percent	0%, 20%, 16%
CMY	1.0000, 0.8000, 0.8392
CMYK	1.00, 0.00, 0.20, 0.80
HSL	168°, 100%, 10%
HSV	168°, 100%, 20%
XYZ	1.5841, 2.5278, 2.5022
YIQ	34.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

Format	Color
RYB	0, 28, 51
Decimal	13097
CIELab	18.04, -19.02, 1.83
CIELCh	18, 19.111, 174.492
Yxy	2.5278, 0.2395, 0.3822
Android (android.graphics.Color)	4278203177 (0xFF003329)
YUV	34.6110, 3.1498, -30.3538
Hunter-Lab	15.8989, -10.0385, 1.7979

Details

The HunterLab color **15.8989, -10.0385, 1.7979** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.5193, 14.8460, 3.5106**, and the grayscale version is **12.8378, -0.6850, 0.6975**.

A 20% lighter version of the original color is **31.8392, -13.8755, 2.9815**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.8992, -10.0387, 1.7981**, and if you desaturate by 10%, it is **16.0245, -9.4887, 1.6031**.

Distribution



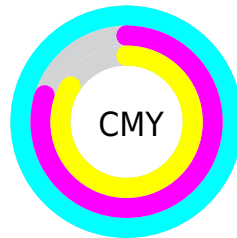
- Red (0%)
- Green (20%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8989, -10.0385, 1.7979 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 15.8989, -10.0385, 1.7979 by changing the saturation by 10% instead.

■ 15.8989, -10.0385,
1.7979

■ 15.8989, -10.0385,
1.7979

■ 110.5801,
-25.2269, 7.8405

■ 9.4368, -9.2881,
1.3195

■ 31.8006, -13.8661,
2.9199

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.0234, -15.6109,
3.5312

0.0000, NaN, NaN

■ 50.9975, -17.2912,
4.1749

0.0000, NaN, NaN

■ 61.6700, -18.9263,
4.8499

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.9979, -20.5293,
5.5550


0.0000, NaN, NaN


■ 84.9452, -22.1096,


0.0000, NaN, NaN


6.2891


 97.4815, -23.6737,
7.0513


 15.8989, -10.0385,
1.7979


 15.8989, -10.0385,
1.7979


 15.8992, -10.0387,
1.7981

 16.0245, -9.4887,
1.6031

 16.1493, -8.9445,
1.4034

 16.2902, -8.3410,
1.2189

 16.4626, -7.6199,
1.0693

 16.6677, -6.7814,
0.9570

■ 16.9061, -5.8279,
0.8835

■ 17.1781, -4.7636,
0.8499

■ 17.4839, -3.5944,
0.8564

■ 17.8231, -2.3275,
0.9029

Harmonies

Analogous

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



15.8992, -8.5510, 5.6568



15.8989, -10.0385, 1.7979



15.8992, -9.3483, -3.8770

Triad

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



15.8992, -10.0386, 1.7981



15.8992, 3.7601, -11.2285



15.8992, 5.7470, 7.0547

Complementary

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



15.8989, -10.0385, 1.7979



8.5193, 14.8460, 3.5106

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.



15.8992, 9.9234, 4.4859



15.8989, -10.0385, 1.7979



15.8992, 8.6718, -6.1284

Square

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



15.8992, -10.0386, 1.7981



15.8992, -1.8483, -12.6976



15.8992, 11.0601, -0.1274



15.8992, 0.1752, 7.9781

Rectangle

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



15.8989, -10.0385, 1.7979



15.8992, -7.6906, -7.8857



15.8992, 11.0601, -0.1274



15.8992, 7.3891, 6.4102

Sweetspot

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



15.8992, -10.0386, 1.7981



22.0776, -6.3634, 1.0985



15.5999, -12.2924, 9.3973



11.6438, -3.4108, 0.5810



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.



15.8992, -10.0386, 1.7981



20.4729, -13.0251, 2.5281



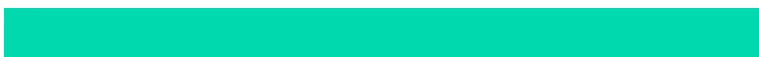
12.1769, -3.4338, -7.8071



9.8417, -1.1518, 0.5036



27.6605, -17.7224, 3.6843



72.5001, -47.0730, 10.9984

Inverse Universe

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



8.5193, 14.8460, 3.5106



10.9442, 19.0078, 5.0136



10.2667, 8.8152, 6.4804



9.4211, 0.1474, 0.5563



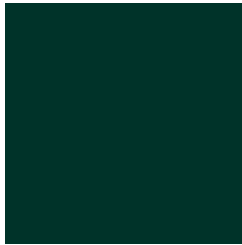
14.7590, 25.5603, 7.3281



38.5801, 66.5122, 21.4980

Previews

White Background



This preview shows how the HunterLab color 15.8989, -10.0385, 1.7979 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

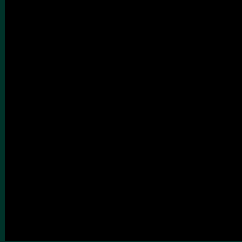
Any Text WCAG AA × Fail

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 15.8989, -10.0385, 1.7979 Background



This preview shows how black text looks on a background with the HunterLab color 15.8989, -10.0385, 1.7979.



This preview shows how white text looks on a background with the HunterLab color 15.8989,

-10.0385, 1.7979.

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

15.8989, -10.0385, 1.7979

Protanopia

16.1897, -1.2032, 3.2394

Deuteranopia

16.0633, 0.9515, 1.4789



Tritanopia

15.9851, -6.3338, -2.7538

Trichromacy



Original Color

15.8989, -10.0385, 1.7979

Protanomaly

15.6701, -5.5730, 2.2958

Deuteranomaly

15.5828, -4.4679, 1.1894

Tritanomaly

16.0234, -7.7644, -1.0142

Monochromacy



Original Color

15.8989, -10.0385, 1.7979

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.7478, -5.1315, 0.8332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8989, -10.0385, 1.7979 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8989, -10.0385, 1.7979 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, 41) }
```


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

```
.border{ border-color:rgb(0, 51, 41) }
```

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, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 41); box-shadow:4px  
4px 4px 4px rgb(0, 51, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.8989, -10.0385, 1.7979 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, 41) }
```

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

```
.background{ background-color: rgb(0, 51,  
41) }
```

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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