

Converting Colors

HunterLab(15.6104, -10.8863,
-4.6376)

Have a look what the booklet for
HunterLab(15.6104, -10.8863,
-4.6376) contains.

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Color

**HunterLab(16.2886, -7.7096,
-3.7166)**

Conversions

Conversions Part 1

Format	Color
Hex	003338
RGB	0, 51, 56
RGB Percent	0%, 20%, 22%
CMY	1.0000, 0.8000, 0.7804
CMYK	1.00, 0.09, 0.00, 0.78
HSL	185°, 100%, 11%
HSV	185°, 100%, 22%
XYZ	1.8976, 2.6532, 4.1535
YIQ	36.3210, -32.0010, -9.2570

Conversions

Conversions Part 2

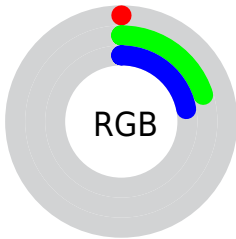
Format	Color
RYB	0, 27, 56
Decimal	13112
CIELab	18.60, -13.49, -7.67
CIELCh	19, 15.516, 209.643
Yxy	2.6533, 0.2180, 0.3048
Android (android.graphics.Color)	4278203192 (0xFF003338)
YUV	36.3210, 9.7017, -31.8535
Hunter-Lab	16.2886, -7.7096, -3.7166

Details

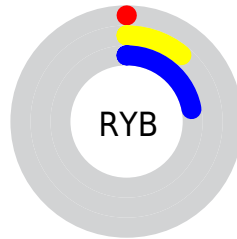
The HunterLab color **16.2886, -7.7096, -3.7166** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.7435, 13.8219, 6.2454**, and the grayscale version is **13.3624, -0.7130, 0.7260**.

A 20% lighter version of the original color is **32.4020, -10.7747, -3.7029**, and **2.2531, 2.6721, -8.5845** is the 20% darker color. If you saturate the color by 10%, you get **16.2888, -7.7097, -3.7165**, and if you desaturate by 10%, it is **16.5328, -7.4493, -3.3605**.

Distribution



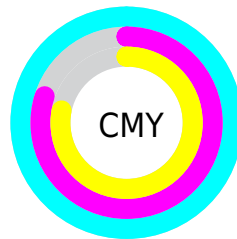
- Red (0%)
- Green (20%)
- Blue (22%)



- Red (0%)
- Yellow (11%)
- Blue (22%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.2886, -7.7096, -3.7166 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 16.2886, -7.7096, -3.7166 by changing the saturation by 10% instead.

■ 16.2886, -7.7096,
-3.7166

■ 16.2886, -7.7096,
-3.7166

■ 111.3218,
-19.8188, -1.9207

■ 9.7649, -6.5682,
-3.5471

■ 32.2908, -10.6132,
-3.7676

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.5569, -11.9756,
-3.6744

0.0000, NaN, NaN

■ 51.5709, -13.3078,
-3.5149

0.0000, NaN, NaN

■ 62.2808, -14.6215,
-3.2959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.6439, -15.9246,
-3.0230

0.0000, NaN, NaN

■ 85.6246, -17.2228,

0.0000, NaN, NaN

-2.7004

■ 98.1927, -18.5199,
-2.3320

■ 16.2886, -7.7096,
-3.7166

■ 16.2886, -7.7096,
-3.7166

■ 16.2888, -7.7097,
-3.7165

■ 16.5328, -7.4493,
-3.3605

■ 16.7754, -7.1972,
-3.0127

■ 17.0406, -6.8605,
-2.6375

■ 17.3407, -6.3949,
-2.2192

■ 17.6764, -5.8009,
-1.7590

■ 18.0480, -5.0810,
-1.2590

■ 18.4554, -4.2403,
-0.7219

■ 18.8982, -3.2850,
-0.1507

■ 19.3756, -2.2224,
0.4512

Harmonies

Analogous

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



16.2889, -8.6295, 0.9377



16.2886, -7.7096, -3.7166



16.2889, -5.0043, -7.9021

Triad

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



16.2889, -7.7096, -3.7164



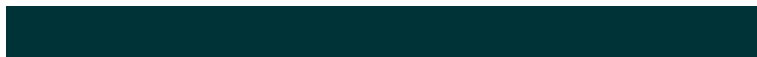
16.2889, 7.2616, -3.8294



16.2889, -0.8162, 7.1429

Complementary

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



16.2886, -7.7096, -3.7166



9.7435, 13.8219, 6.2454

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.



16.2889, 3.7227, 6.4969



16.2886, -7.7096, -3.7166



16.2889, 8.6844, 0.8354

Square

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



16.2889, -7.7096, -3.7164



16.2889, 3.6197, -7.9789



16.2889, 7.3255, 4.4454



16.2889, -4.9206, 6.5276

Rectangle

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



16.2886, -7.7096, -3.7166



16.2889, -2.3920, -9.4269



16.2889, 7.3255, 4.4454



16.2889, 0.7100, 7.0694

Sweetspot

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



16.2889, -7.7096, -3.7164



24.1833, -5.7560, -1.0609



16.8483, -14.2303, 9.6609



12.9078, -3.1685, -0.6222



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.



16.2889, -7.7096, -3.7164



21.3296, -10.0262, -5.0164



9.5485, 2.4881, -17.3048



10.5589, -1.1050, 0.3006



26.5491, -12.4224, -6.3677



68.0510, -31.4399, -17.1881

Inverse Universe

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



10.3916, 20.0946, -11.1153



13.6503, 26.3758, -14.4300



13.8208, 3.7832, 8.5822



10.1796, 0.4284, -0.0456



17.0262, 32.8809, -17.8580



43.8904, 84.6349, -45.0580

Previews

White Background



This preview shows how the HunterLab color 16.2886, -7.7096, -3.7166 looks on a white background.

Color Contrast Check

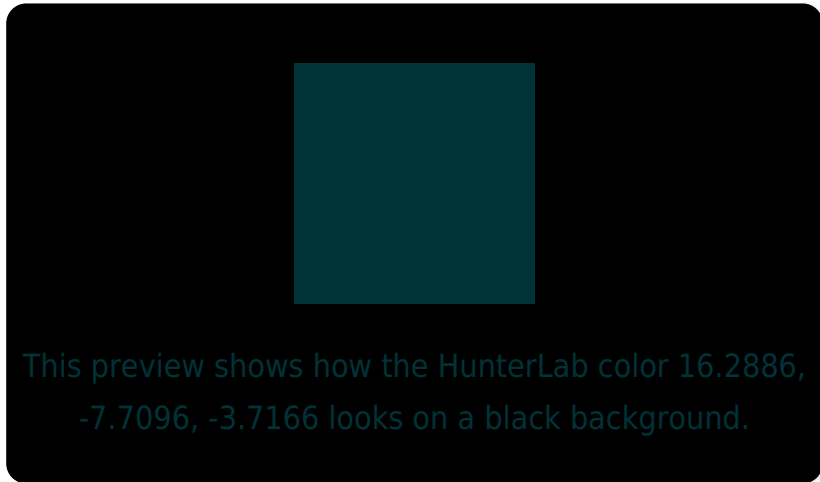
Large Text (above 18pt) WCAG AA ✓ Pass

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

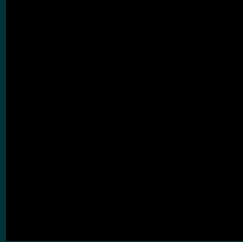
Any Text WCAG AA × Fail

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 16.2886, -7.7096, -3.7166 Background



This preview shows how black text looks on a background with the HunterLab color 16.2886, -7.7096, -3.7166.



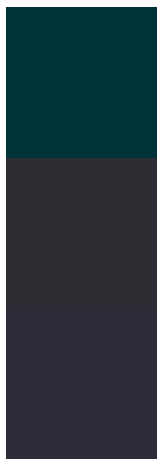
This preview shows how white text looks on a background with the HunterLab color 16.2886, -7.7096, -3.7166.

-3.7166.

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

16.2886, -7.7096, -3.7166

Protanopia

16.6127, -0.2867, -1.3632

Deuteranopia

16.5229, 0.8919, -3.6932



Tritanopia

16.2588, -7.8853, -3.3000

Trichromacy



Original Color

16.2886, -7.7096, -3.7166

Protanomaly

16.2239, -4.1181, -2.3839

Deuteranomaly

16.0924, -3.0741, -4.3995

Tritanomaly

16.2588, -7.8853, -3.3000

Monochromacy



Original Color

16.2886, -7.7096, -3.7166

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.9372, -4.1244, -1.2069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.2886, -7.7096, -3.7166 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 16.2886, -7.7096, -3.7166 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, 56) }
```


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

```
.border{ border-color:rgb(0, 51, 56) }
```

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, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 56); box-shadow:4px  
4px 4px 4px rgb(0, 51, 56) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.2886, -7.7096, -3.7166 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, 56) }
```

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

```
.background{ background-color: rgb(0, 51,  
56) }
```

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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