

Converting Colors

HunterLab(15.9650, -9.7449,
1.4825)

Have a look what the booklet for
HunterLab(15.9650, -9.7449, 1.4825)
contains.

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Color

**HunterLab(15.9616, -9.7404,
1.5283)**

Conversions

Conversions Part 1

Format	Color
Hex	02332A
RGB	2, 51, 42
RGB Percent	1%, 20%, 16%
CMY	0.9922, 0.8000, 0.8353
CMYK	0.96, 0.00, 0.18, 0.80
HSL	169°, 92%, 10%
HSV	169°, 96%, 20%
XYZ	1.6268, 2.5477, 2.5965
YIQ	35.3230, -26.3150, -13.1870

Conversions

Conversions Part 2

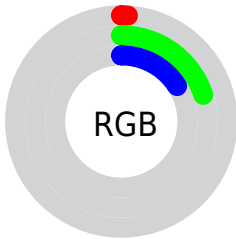
Format	Color
R_{YB}	2, 29, 51
Decimal	144170
CIE _{Lab}	18.13, -18.27, 1.28
CIE _{LCh}	18, 18.316, 175.982
Yxy	2.5478, 0.2403, 0.3763
Android (android.graphics.Color)	4278334250 (0xFF02332A)
YUV	35.3230, 3.2918, -29.2243
Hunter-Lab	15.9616, -9.7404, 1.5283

Details

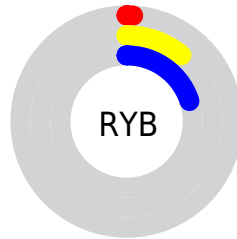
The HunterLab color **15.9616, -9.7404, 1.5283** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.7832, 14.0453, 3.5204**, and the grayscale version is **13.0631, -0.6970, 0.7097**.

A 20% lighter version of the original color is **31.9067, -13.5641, 2.6679**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.9132, -9.9540, 1.5977**, and if you desaturate by 10%, it is **16.0858, -9.2006, 1.3491**.

Distribution



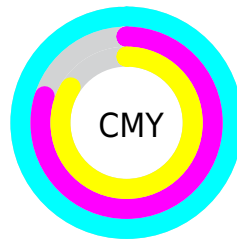
- Red (1%)
- Green (20%)
- Blue (16%)



- Red (1%)
- Yellow (11%)
- Blue (20%)



- Cyan (96%)
- Magenta (0%)
- Yellow (18%)
- Black (80%)



- Cyan (99%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9616, -9.7404, 1.5283 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 15.9616, -9.7404, 1.5283 by changing the saturation by 10% instead.

■ 15.9616, -9.7404,
1.5283

■ 15.9616, -9.7404,
1.5283

■ 110.6998,
-24.5029, 7.3037

■ 9.4895, -8.8980,
1.0777

■ 31.8796, -13.4392,
2.5727

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1094, -15.1310,
3.1512

0.0000, NaN, NaN

■ 51.0899, -16.7632,
3.7646

0.0000, NaN, NaN

■ 61.7684, -18.3540,
4.4114

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.1020, -19.9157,
5.0900


0.0000, NaN, NaN


■ 85.0548, -21.4571,


0.0000, NaN, NaN


5.7990


 97.5962, -22.9846,
6.5373


 15.9616, -9.7404,
1.5283


 15.9616, -9.7404,
1.5283


 15.9132, -9.9540,
1.5977

 16.0858, -9.2006,
1.3491

 16.2119, -8.6558,
1.1689

 16.3637, -8.0146,
1.0168

 16.5475, -7.2559,
0.9013

 16.7641, -6.3806,
0.8244

■ 17.0142, -5.3919,
0.7875

■ 17.2980, -4.2946,
0.7909

■ 17.6154, -3.0950,
0.8349

■ 17.9660, -1.8004,
0.9186

Harmonies

Analogous

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



15.9619, -8.4002, 5.3686



15.9616, -9.7404, 1.5283



15.9619, -8.9647, -3.9467

Triad

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



15.9619, -9.7405, 1.5285



15.9619, 3.8242, -10.4251



15.9619, 5.2090, 6.9631

Complementary

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



15.9616, -9.7404, 1.5283



8.7832, 14.0453, 3.5204

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.



15.9619, 9.2945, 4.5351



15.9616, -9.7404, 1.5283



15.9619, 8.4251, -5.5053

Square

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



15.9619, -9.7405, 1.5285



15.9619, -1.5551, -12.0164



15.9619, 10.5412, 0.1798



15.9619, -0.1376, 7.7989

Rectangle

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



15.9616, -9.7404, 1.5283



15.9619, -7.2901, -7.7137



15.9619, 10.5412, 0.1798



15.9619, 6.8010, 6.3546

Sweetspot

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



15.9619, -9.7405, 1.5285



22.1223, -6.1791, 1.0107



15.6488, -12.0585, 9.2139



11.6643, -3.3253, 0.5334



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.



15.9619, -9.7405, 1.5285



20.4916, -12.9115, 2.2595



12.3774, -3.4513, -7.4368



9.8424, -1.1480, 0.4937



27.6868, -17.5634, 3.3082



72.5732, -46.6290, 9.9485

Inverse Universe

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



8.7832, 14.0453, 3.5204



10.9347, 18.9728, 5.1529



10.4877, 8.4037, 6.2847



9.4204, 0.1437, 0.5661



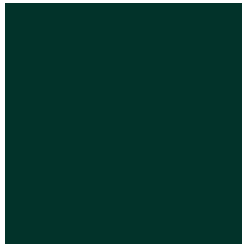
14.7473, 25.5170, 7.5005



38.5556, 66.4218, 21.8590

Previews

White Background



This preview shows how the HunterLab color 15.9616, -9.7404, 1.5283 looks on a white background.

Color Contrast Check

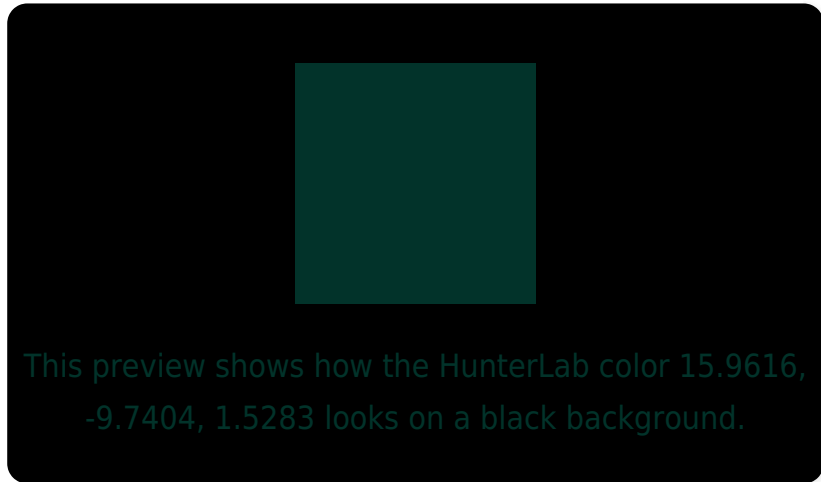
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9616, -9.7404, 1.5283 Background



This preview shows how black text looks on a background with the HunterLab color 15.9616, -9.7404, 1.5283.



This preview shows how white text looks on a background with the HunterLab color 15.9616, -9.7404,

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

15.9616, -9.7404, 1.5283

Protanopia

16.2099, -1.0922, 2.9486

Deuteranopia

16.0864, 1.0754, 1.1486



Tritanopia

15.9851, -6.3338, -2.7538

Trichromacy



Original Color

15.9616, -9.7404, 1.5283

Protanomaly

15.7402, -5.2661, 2.0451

Deuteranomaly

15.6580, -4.1430, 0.9217

Tritanomaly

16.0234, -7.7644, -1.0142

Monochromacy



Original Color

15.9616, -9.7404, 1.5283

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.8129, -4.8386, 0.5558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9616, -9.7404, 1.5283 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(2, 51, 42)` looks like.

```
.text, #text, p{  
    color:rgb(2, 51, 42)  
}
```

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(2, 51, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 51, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9616, -9.7404, 1.5283 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(2, 51, 42) }
```


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

```
.border{ border-color:rgb(2, 51, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 51, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 51, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 51, 42); box-shadow:4px  
4px 4px 4px rgb(2, 51, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9616, -9.7404, 1.5283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 51, 42) }
```

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

```
.background{ background-color: rgb(2, 51,  
42) }
```

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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