

Converting Colors

HunterLab(15.9171, -6.0922,
-6.7437)

Have a look what the booklet for
HunterLab(15.9171, -6.0922,
-6.7437) contains.

HunterLab(15.9171, -6.0922, -6.7437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.9171, -6.0922,
-6.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	00313D
RGB	0, 49, 61
RGB Percent	0%, 19%, 24%
CMY	1.0000, 0.8078, 0.7608
CMYK	1.00, 0.20, 0.00, 0.76
HSL	192°, 100%, 12%
HSV	192°, 100%, 24%
XYZ	1.9406, 2.5335, 4.8016
YIQ	35.7170, -33.0560, -6.6560

Conversions

Conversions Part 2

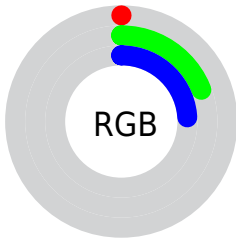
Format	Color
RYB	0, 27, 61
Decimal	12605
CIELab	18.07, -10.19, -11.92
CIElCh	18, 15.683, 229.463
Yxy	2.5336, 0.2092, 0.2731
Android (android.graphics.Color)	4278202685 (0xFF00313D)
YUV	35.7170, 12.4645, -31.3238
Hunter-Lab	15.9171, -6.0922, -6.7437

Details

The HunterLab color **15.9171, -6.0922, -6.7437** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.2033, 13.1524, 7.1331**, and the grayscale version is **13.1618, -0.7023, 0.7151**.

A 20% lighter version of the original color is **31.7480, -8.4740, -7.0806**, and **2.6216, 4.1548, -12.2457** is the 20% darker color. If you saturate the color by 10%, you get **15.9171, -6.0921, -6.7438**, and if you desaturate by 10%, it is **16.3546, -6.0504, -6.0337**.

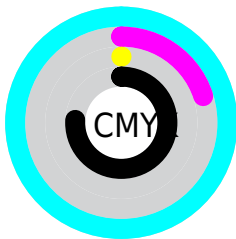
Distribution



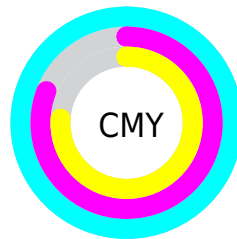
- Red (0%)
- Green (19%)
- Blue (24%)



- Red (0%)
- Yellow (11%)
- Blue (24%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9171, -6.0922, -6.7437 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 15.9171, -6.0922, -6.7437 by changing the saturation by 10% instead.

15.9171, -6.0922,
-6.7437

15.9171, -6.0922,
-6.7437

110.6148,
-16.4356, -6.5926

9.4521, -5.2042,
-6.3974

31.8235, -8.4784,
-7.1979

0.0000, NaN, -NF

0.0000, NaN, NaN

41.0483, -9.6226,
-7.3019

0.0000, NaN, NaN

51.0243, -10.7546,
-7.3328

0.0000, NaN, NaN

0.0000, NaN, NaN

61.6985, -11.8825,
-7.2971

0.0000, NaN, NaN

73.0281, -13.0114,
-7.2008

0.0000, NaN, NaN

84.9770, -14.1450,

0.0000, NaN, NaN

-7.0486

■ 97.5147, -15.2858,
-6.8447

■ 15.9171, -6.0922,
-6.7437

■ 15.9171, -6.0922,
-6.7437

■ 15.9171, -6.0921,
-6.7438

■ 16.3546, -6.0504,
-6.0337

■ 16.7910, -6.0159,
-5.3481

■ 17.2581, -5.8703,
-4.6358

■ 17.7649, -5.5812,
-3.8857

■ 18.3113, -5.1520,
-3.1019

■ 18.8966, -4.5884,
-2.2886

■ 19.5197, -3.8979,
-1.4504

■ 20.1794, -3.0891,
-0.5913

■ 20.8742, -2.1708,
0.2847

Harmonies

Analogous

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



15.9174, -8.2138, -2.1270



15.9171, -6.0922, -6.7437



15.9174, -2.4017, -9.5347

Triad

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



15.9174, -6.0921, -6.7434



15.9174, 8.5801, -0.7134



15.9174, -3.6316, 6.8369

Complementary

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



15.9171, -6.0922, -6.7437



11.2033, 13.1524, 7.1331

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.



15.9174, 0.7631, 7.0199



15.9171, -6.0922, -6.7437



15.9174, 8.1563, 3.3720

Square

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



15.9174, -6.0921, -6.7434



15.9174, 6.2732, -5.4647



15.9174, 5.1724, 5.9380



15.9174, -6.9062, 5.3411

Rectangle

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



15.9171, -6.0922, -6.7437



15.9174, 0.5974, -9.5775



15.9174, 5.1724, 5.9380



15.9174, -2.2478, 7.0345

Sweetspot

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



15.9174, -6.0921, -6.7434



25.1715, -5.1781, -2.0261



18.3361, -15.2441, 9.9896



13.2676, -2.8240, -1.1671



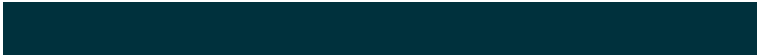
62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



15.9174, -6.0921, -6.7434



20.4347, -7.6478, -9.0322



9.0198, 5.6015, -23.3647



11.2504, -1.0819, 0.2266



24.4014, -9.0086, -11.0528



60.9826, -21.4655, -29.8852

Inverse Universe

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



11.0179, 20.8794, -8.4821



14.2439, 26.9520, -10.6313



16.2042, 1.8402, 10.0168



10.8982, 0.4491, 0.0417



17.0795, 32.2871, -12.5127



43.2765, 81.5588, -29.7591

Previews

White Background



This preview shows how the HunterLab color 15.9171, -6.0922, -6.7437 looks on a white background.

Color Contrast Check

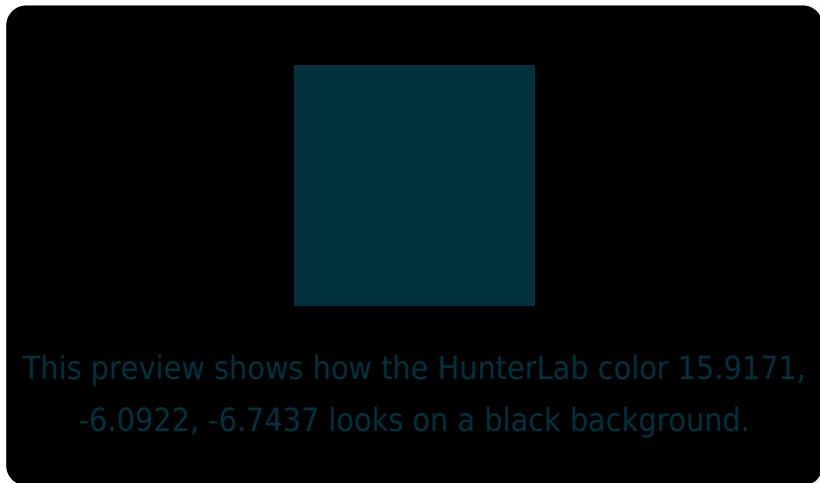
Large Text (above 18pt) WCAG AA ✓ Pass

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

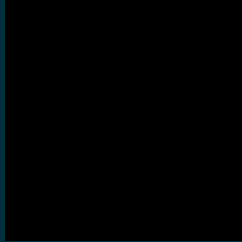
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

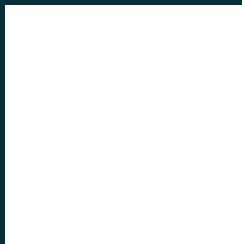
Any Text WCAG AAA × Fail

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

HunterLab 15.9171, -6.0922, -6.7437 Background



This preview shows how black text looks on a background with the HunterLab color 15.9171, -6.0922, -6.7437.



This preview shows how white text looks on a background with the HunterLab color 15.9171, -6.0922, -6.7437.

-6.7437.

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

15.9171, -6.0922, -6.7437

Protanopia

16.0570, 0.5685, -4.8767

Deuteranopia

16.0639, 0.8554, -6.9074



Tritanopia

15.9610, -7.7293, -3.2645

Trichromacy



Original Color

15.9171, -6.0922, -6.7437

Protanomaly

15.7777, -2.8074, -5.8756

Deuteranomaly

15.8381, -2.3879, -7.3431

Tritanomaly

16.0518, -7.1944, -4.5327

Monochromacy



Original Color

15.9171, -6.0922, -6.7437

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.9911, -3.8169, -1.9662

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9171, -6.0922, -6.7437 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, 49, 61)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 61)  
}
```

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, 49, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9171, -6.0922, -6.7437 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, 49, 61) }
```


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

```
.border{ border-color:rgb(0, 49, 61) }
```

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

Here you see how a box with a 4 pixel rgb(0, 49, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 61); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 61); box-shadow:4px  
4px 4px 4px rgb(0, 49, 61) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9171, -6.0922, -6.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 61) }
```

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

```
.background{ background-color: rgb(0, 49,  
61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor