

Converting Colors

HunterLab(15.1753, -8.3941,
-9.3120)

Have a look what the booklet for
HunterLab(15.1753, -8.3941,
-9.3120) contains.

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Color

**HunterLab(15.9860, -5.6934,
-7.6907)**

Conversions

Conversions Part 1

Format	Color
Hex	00313F
RGB	0, 49, 63
RGB Percent	0%, 19%, 25%
CMY	1.0000, 0.8078, 0.7529
CMYK	1.00, 0.22, 0.00, 0.75
HSL	193°, 100%, 12%
HSV	193°, 100%, 25%
XYZ	1.9955, 2.5555, 5.0907
YIQ	35.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

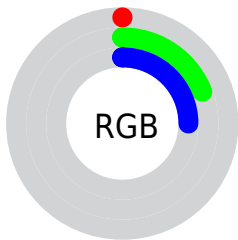
Format	Color
RYB	0, 28, 63
Decimal	12607
CIELab	18.17, -9.34, -13.14
CIELCh	18, 16.121, 234.596
Yxy	2.5556, 0.2070, 0.2650
Android (android.graphics.Color)	4278202687 (0xFF00313F)
YUV	35.9450, 13.3381, -31.5238
Hunter-Lab	15.9860, -5.6934, -7.6907

Details

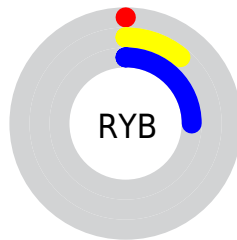
The HunterLab color **15.9860, -5.6934, -7.6907** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.7088, 13.1559, 7.4447**, and the grayscale version is **13.2319, -0.7060, 0.7189**.

A 20% lighter version of the original color is **31.8949, -7.7291, -8.4379**, and **2.7541, 4.6566, -13.4947** is the 20% darker color. If you saturate the color by 10%, you get **15.9860, -5.6933, -7.6909**, and if you desaturate by 10%, it is **16.4779, -5.7199, -6.8676**.

Distribution



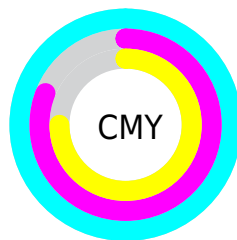
- Red (0%)
- Green (19%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9860, -5.6934, -7.6907 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 15.9860, -5.6934, -7.6907 by changing the saturation by 10% instead.

■ 15.9860, -5.6934,
-7.6907

■ 15.9860, -5.6934,
-7.6907

■ 110.7462,
-15.5805, -7.9608

■ 9.5100, -4.7895,
-7.3143

■ 31.9103, -7.9446,
-8.2388

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.1428, -9.0323,
-8.3926

0.0000, NaN, NaN

■ 51.1258, -10.1127,
-8.4728

0.0000, NaN, NaN

■ 61.8067, -11.1927,
-8.4853

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.1425, -12.2768,
-8.4359


0.0000, NaN, NaN


■ 85.0974, -13.3682,


0.0000, NaN, NaN


-8.3294


 97.6407, -14.4689,
-8.1698


 15.9860, -5.6934,
-7.6907


 15.9860, -5.6934,
-7.6907


 15.9860, -5.6933,
-7.6909

 16.4779, -5.7199,
-6.8676

 16.9698, -5.7508,
-6.0746

 17.4955, -5.6597,
-5.2552

 18.0632, -5.4186,
-4.4004

 18.6723, -5.0317,
-3.5148

■ 19.3218, -4.5059,
-2.6034

■ 20.0105, -3.8493,
-1.6709

■ 20.7368, -3.0712,
-0.7216

■ 21.4991, -2.1813,
0.2404

Harmonies

Analogous

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



15.9863, -8.1728, -3.0731



15.9860, -5.6934, -7.6907



15.9863, -1.6839, -10.0711

Triad

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



15.9863, -5.6933, -7.6904



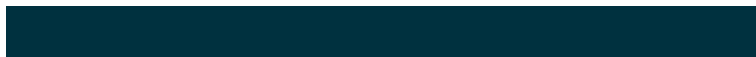
15.9863, 9.0143, 0.0516



15.9863, -4.3945, 6.8160

Complementary

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



15.9860, -5.6934, -7.6907



11.7088, 13.1559, 7.4447

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.



15.9863, -0.0065, 7.2157



15.9860, -5.6934, -7.6907



15.9863, 8.0771, 4.0102

Square

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



15.9863, -5.6933, -7.6904



15.9863, 7.0726, -4.8574



15.9863, 4.6400, 6.3501



15.9863, -7.4849, 5.0415

Rectangle

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



15.9860, -5.6934, -7.6907



15.9863, 1.4531, -9.6916



15.9863, 4.6400, 6.3501



15.9863, -3.0370, 7.0895

Sweetspot

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



15.9863, -5.6933, -7.6904



25.8214, -5.1103, -2.3251



18.9364, -15.6575, 10.1319



13.1777, -2.6886, -1.2835



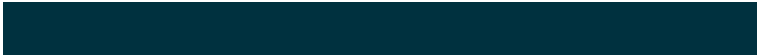
62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



15.9863, -5.6933, -7.6904



20.5183, -7.1006, -10.3179



8.8700, 6.8392, -25.8490



11.2329, -1.0535, 0.2059



23.7276, -8.0924, -12.1883



59.1441, -18.9306, -33.0592

Inverse Universe

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



11.3076, 21.3238, -7.8953



14.6290, 27.5415, -9.8409



17.1614, 1.1102, 10.5938



10.8964, 0.4392, 0.0677



16.9834, 31.9469, -11.2139



43.0181, 80.6427, -26.2552

Previews

White Background



This preview shows how the HunterLab color 15.9860, -5.6934, -7.6907 looks on a white background.

Color Contrast Check

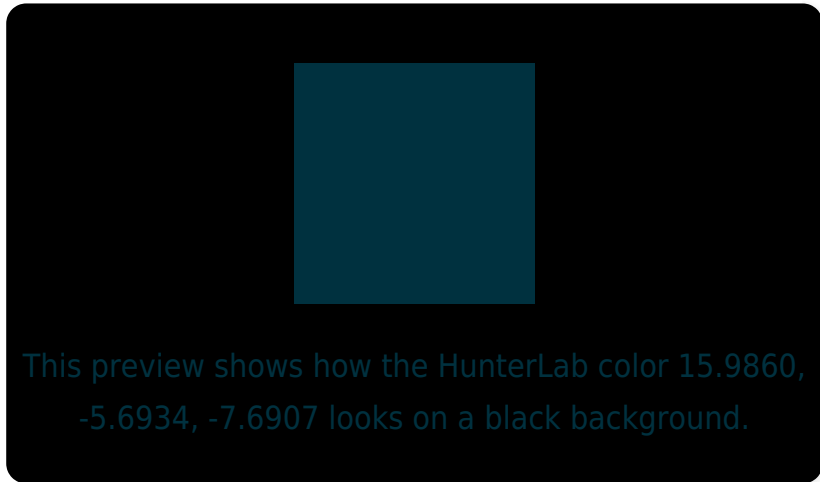
Large Text (above 18pt) WCAG AA ✓ Pass

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

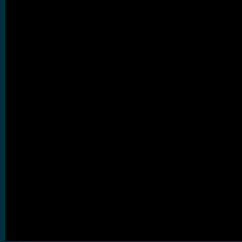
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

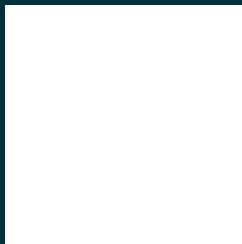
Any Text WCAG AAA × Fail

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

HunterLab 15.9860, -5.6934, -7.6907 Background



This preview shows how black text looks on a background with the HunterLab color 15.9860, -5.6934, -7.6907.



This preview shows how white text looks on a background with the HunterLab color 15.9860, -5.6934, -7.6907.

-7.6907.

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

15.9860, -5.6934, -7.6907

Protanopia

16.3537, 0.5071, -5.4129

Deuteranopia

16.3065, 0.6158, -7.5775



Tritanopia

15.9610, -7.7293, -3.2645

Trichromacy



Original Color

15.9860, -5.6934, -7.6907

Protanomaly

15.8446, -2.4333, -6.7995

Deuteranomaly

15.8693, -2.1357, -8.3809

Tritanomaly

16.0518, -7.1944, -4.5327

Monochromacy



Original Color

15.9860, -5.6934, -7.6907

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

14.0189, -3.6585, -2.3574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9860, -5.6934, -7.6907 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, 63)` looks like.

```
.text, #text, p{  
  color:rgb(0, 49, 63)  
}
```

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, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9860, -5.6934, -7.6907 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, 63) }
```


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

```
.border{ border-color:rgb(0, 49, 63) }
```

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, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 63); box-shadow:4px  
4px 4px 4px rgb(0, 49, 63) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9860, -5.6934, -7.6907 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, 63) }
```

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

```
.background{ background-color: rgb(0, 49,  
63) }
```

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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