

Converting Colors

HunterLab(15.8350, -4.3532,
-3.9605)

Have a look what the booklet for
HunterLab(15.8350, -4.3532,
-3.9605) contains.

HunterLab(15.7830, -4.3285, -3.9283)	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(15.7830, -4.3285,
-3.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	172F37
RGB	23, 47, 55
RGB Percent	9%, 18%, 22%
CMY	0.9098, 0.8157, 0.7843
CMYK	0.58, 0.15, 0.00, 0.78
HSL	195°, 41%, 15%
HSV	195°, 58%, 22%
XYZ	2.0595, 2.4910, 3.9867
YIQ	40.7360, -16.8720, -2.6000

Conversions

Conversions Part 2

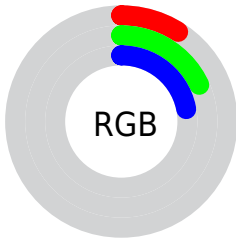
Format	Color
RYB	23, 37, 55
Decimal	1519415
CIELab	17.88, -6.63, -8.00
CIELCh	18, 10.393, 230.344
Yxy	2.4911, 0.2412, 0.2918
Android (android.graphics.Color)	4279709495 (0xFF172F37)
YUV	40.7360, 7.0322, -15.5545
Hunter-Lab	15.7830, -4.3285, -3.9283

Details

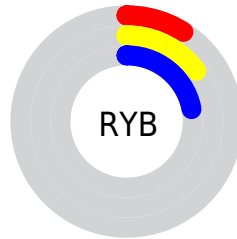
The HunterLab color **15.7830, -4.3285, -3.9283** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13.6167, 5.2761, 4.9530**, and the grayscale version is **14.7874, -0.7890, 0.8034**.

A 20% lighter version of the original color is **31.7068, -6.1320, -4.0757**, and **1.5544, 4.2163, -11.0448** is the 20% darker color. If you saturate the color by 10%, you get **15.2466, -4.5275, -4.7402**, and if you desaturate by 10%, it is **16.3543, -4.0108, -3.0965**.

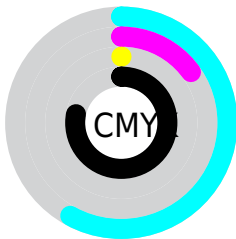
Distribution



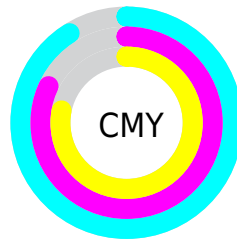
- Red (9%)
- Green (18%)
- Blue (22%)



- Red (9%)
- Yellow (15%)
- Blue (22%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (78%)



- Cyan (91%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7830, -4.3285, -3.9283 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 15.7830, -4.3285, -3.9283 by changing the saturation by 10% instead.

■ 15.7830, -4.3285,
-3.9283

■ 15.7830, -4.3285,
-3.9283

110.3587,
-12.7853, -2.3037

■ 9.3391, -3.5935,
-3.7352

■ 31.6545, -6.1620,
-4.0255

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.8643, -7.0732,
-3.9533

0.0000, NaN, NaN

■ 50.8264, -7.9915,
-3.8135

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4877, -8.9208,
-3.6131

0.0000, NaN, NaN

■ 72.8051, -9.8635,
-3.3577

0.0000, NaN, NaN

■ 84.7425, -10.8213,

0.0000, NaN, NaN

-3.0520

■ 97.2692, -11.7950,
-2.6996

■ 15.7830, -4.3285,
-3.9283

■ 15.7830, -4.3285,
-3.9283

■ 15.2466, -4.5275,
-4.7402

■ 16.3543, -4.0108,
-3.0965

■ 14.7450, -4.6027,
-5.5288

■ 16.9585, -3.5808,
-2.2498

■ 14.2708, -4.5812,
-6.3036

■ 17.5946, -3.0460,
-1.3917

■ 13.7951, -4.5706,
-7.1142

■ 18.2612, -2.4142,
-0.5253

■ 13.7081, -4.5710,
-7.2665

■ 18.9567, -1.6934,
0.3465

■ 19.6797, -0.8912,
1.2214

■ 20.4287, -0.0148,
2.0975

■ 21.2023, 0.9288,
2.9735

■ 21.9991, 1.9334,
3.8482

Harmonies

Analogous

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



15.7833, -5.8541, -1.1511



15.7830, -4.3285, -3.9283



15.7833, -1.7906, -5.4982

Triad

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



15.7833, -4.3286, -3.9280



15.7833, 5.1982, -0.0807



15.7833, -2.7819, 5.1553

Complementary

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



15.7830, -4.3285, -3.9283



13.6167, 5.2761, 4.9530

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.



15.7833, 0.1275, 5.3354



15.7830, -4.3285, -3.9283



15.7833, 4.8836, 2.6354

Square

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



15.7833, -4.3286, -3.9280



15.7833, 3.8044, -3.0209



15.7833, 2.9740, 4.4991



15.7833, -5.0081, 3.9509

Rectangle

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



15.7830, -4.3285, -3.9283



15.7833, 0.1968, -5.4826



15.7833, 2.9740, 4.4991



15.7833, -1.8566, 5.3277

Sweetspot

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



15.7833, -4.3286, -3.9280



23.6147, -3.0875, -0.6394



17.3515, -10.2024, 6.2084



12.3272, -1.6215, -0.3451



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



15.7833, -4.3286, -3.9280



19.3452, -5.9184, -6.6605



12.1085, 1.6165, -10.2092



10.4587, -0.9428, 0.1823



22.3766, -6.9157, -13.0397



56.4377, -15.9433, -36.1251

Inverse Universe

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



12.7685, 11.1383, -4.4254



14.9045, 18.1199, -6.9071



16.9258, -0.8758, 7.5744



10.1692, 0.3720, 0.1031



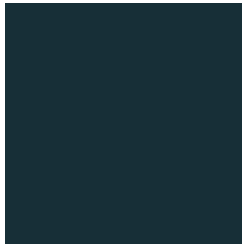
16.4099, 30.7094, -9.6053



42.1951, 78.6533, -22.2916

Previews

White Background



This preview shows how the HunterLab color 15.7830, -4.3285, -3.9283 looks on a white background.

Color Contrast Check

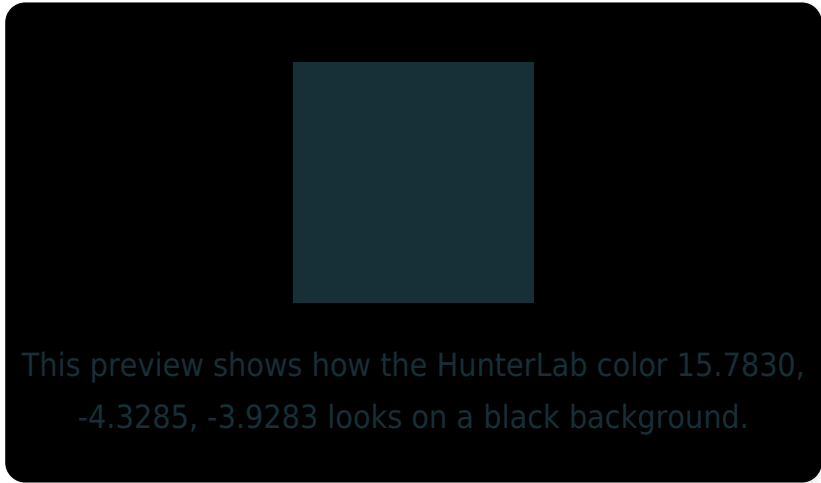
Large Text (above 18pt) WCAG AA ✓ Pass

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

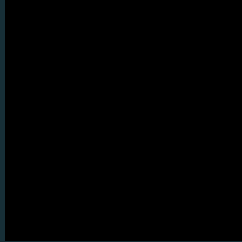
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

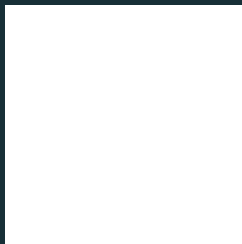
Any Text WCAG AAA × Fail

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

HunterLab 15.7830, -4.3285, -3.9283 Background



This preview shows how black text looks on a background with the HunterLab color 15.7830, -4.3285, -3.9283.



This preview shows how white text looks on a background with the HunterLab color 15.7830, -4.3285, -3.9283.

-3.9283.

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

15.7830, -4.3285, -3.9283

Protanopia

15.7096, 0.2161, -2.5774

Deuteranopia

15.8288, 0.8586, -4.2454



Tritanopia

15.8855, -5.4907, -1.9971

Trichromacy



Original Color

15.7830, -4.3285, -3.9283

Protanomaly

15.5426, -1.5153, -3.2977

Deuteranomaly

15.6340, -1.0123, -4.5729

Tritanomaly

15.9136, -5.3291, -2.3917

Monochromacy



Original Color

15.7830, -4.3285, -3.9283

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.0502, -2.4192, -0.9511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7830, -4.3285, -3.9283 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(23, 47, 55)` looks like.

```
.text, #text, p{  
    color:rgb(23, 47, 55)  
}
```

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(23, 47, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 47, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7830, -4.3285, -3.9283 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(23, 47, 55) }
```


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

```
.border{ border-color:rgb(23, 47, 55) }
```

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

Here you see how a box with a 4 pixel rgb(23, 47, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 47, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 47, 55);  
box-shadow:4px 4px 4px 4px rgb(23, 47, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7830, -4.3285, -3.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 47, 55) }
```

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

```
.background{ background-color: rgb(23, 47,  
55) }
```

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