

Converting Colors

HunterLab(15.0677, 12.8032,
-10.1982)

Have a look what the booklet for
HunterLab(15.0677, 12.8032,
-10.1982) contains.

HunterLab(15.1733, 12.7725, -9.9682)	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(15.1733, 12.7725,
-9.9682)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1E41
RGB	61, 30, 65
RGB Percent	24%, 12%, 25%
CMY	0.7608, 0.8823, 0.7451
CMYK	0.06, 0.54, 0.00, 0.75
HSL	293°, 37%, 19%
HSV	293°, 54%, 25%
XYZ	3.3429, 2.3023, 5.2692
YIQ	43.2590, 7.2410, 17.4570

Conversions

Conversions Part 2

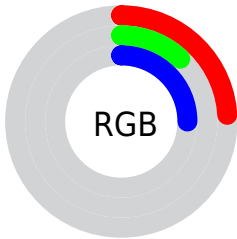
Format	Color
RYB	61, 30, 65
Decimal	4005441
CIELab	17.00, 21.58, -15.99
CIElCh	17, 26.854, 323.467
Yxy	2.3024, 0.3063, 0.2109
Android (android.graphics.Color)	4282195521 (0xFF3D1E41)
YUV	43.2590, 10.7183, 15.5589
Hunter-Lab	15.1733, 12.7725, -9.9682




Details

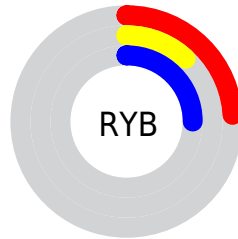
The HunterLab color **15.1733, 12.7725, -9.9682** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.5291, -11.7158, 8.8971**, and the grayscale version is **15.5921, -0.8320, 0.8472**.




A 20% lighter version of the original color is **30.8859, 14.8804, -10.6979**, and **3.4994, 7.6481, -10.5705** is the 20% darker color. If you saturate the color by 10%, you get **14.0828, 15.2772, -12.1096**, and if you desaturate by 10%, it is **16.4007, 10.1627, -7.7952**.

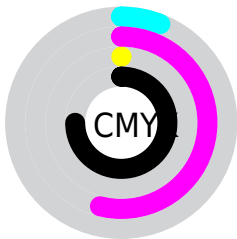
Distribution







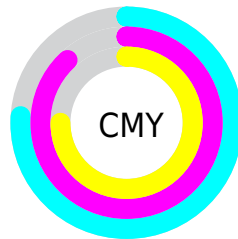
-  Red (24%)
-  Green (12%)
-  Blue (25%)






-  Red (24%)
-  Yellow (12%)
-  Blue (25%)



-  Cyan (6%)
-  Magenta (54%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (76%)
-  Magenta (88%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1733, 12.7725, -9.9682 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 15.1733, 12.7725, -9.9682 by changing the saturation by 10% instead.

■ 15.1733, 12.7725,
-9.9682

■ 15.1733, 12.7725,
-9.9682

■ 109.1873, 17.7191,
-11.2287

■ 8.8033, 11.7164,
-9.6286

■ 30.8838, 14.6439,
-10.7198

0.0000, INF, -NF

0.0000, NaN, NaN

■ 40.0246, 15.3697,
-10.9908

0.0000, NaN, NaN

■ 49.9229, 15.9803,
-11.1885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.5247, 16.4902,
-11.3170

0.0000, NaN, NaN

■ 71.7859, 16.9106,
-11.3810

0.0000, NaN, NaN

■ 83.6702, 17.2508,

0.0000, NaN, NaN

-11.3849

96.1462, 17.5183,
-11.3330

15.1733, 12.7725,
-9.9682

15.1733, 12.7725,
-9.9682

14.0828, 15.2772,
-12.1096

16.4007, 10.1627,
-7.7952

13.1462, 17.5780,
-14.1466

17.7466, 7.5197,
-5.6410

12.3797, 19.5489,
-15.9808

19.1958, 4.8872,
-3.5328

11.7002, 21.3907,
-17.7584

20.7345, 2.2900,
-1.4838

11.2624, 22.6759,
-18.9906

22.3513, -0.2600,
0.5022

■ 24.0366, -2.7593,
2.4271

■ 25.7824, -5.2087,
4.2953

■ 27.5821, -7.6119,
6.1126

■ 29.4302, -9.9734,
7.8851

Harmonies

Analogous

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



15.1736, 5.4431, -18.1998



15.1733, 12.7725, -9.9682



15.1736, 16.5620, -0.8385

Triad

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



15.1736, 12.7720, -9.9677



15.1736, 0.8844, 9.9027



15.1736, -12.0024, -5.8003

Complementary

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



15.1733, 12.7725, -9.9682



20.5291, -11.7158, 8.8971

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.



15.1736, -12.7489, 2.3209



15.1733, 12.7725, -9.9682



15.1736, -6.1910, 9.3436

Square

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



15.1736, 12.7720, -9.9677



15.1736, 8.8811, 8.5089



15.1736, -10.8386, 6.9814



15.1736, -8.5511, -15.0793

Rectangle

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



15.1733, 12.7725, -9.9682



15.1736, 16.1317, 3.7139



15.1736, -10.8386, 6.9814



15.1736, -12.5459, -2.7721

Sweetspot

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



15.1736, 12.7720, -9.9677



26.3258, 3.9188, -2.6691



13.4410, 3.8895, -13.7099



13.7356, 2.1944, -1.5092



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



15.1736, 12.7720, -9.9677



17.7735, 21.0228, -16.7625



15.1547, 11.8160, -2.9739



11.6208, 0.5019, -0.2279



16.8268, 33.9343, -28.7999



41.8478, 84.5776, -73.0506

Inverse Universe

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



14.7239, 9.7907, 3.1499



17.0833, 16.4348, 5.1038



20.5770, -11.1176, 5.7831



11.5796, 0.2255, 0.7765



16.0007, 27.5538, 9.1605



39.9803, 68.6501, 24.4190

Previews

White Background



This preview shows how the HunterLab color 15.1733, 12.7725, -9.9682 looks on a white background.

Color Contrast Check

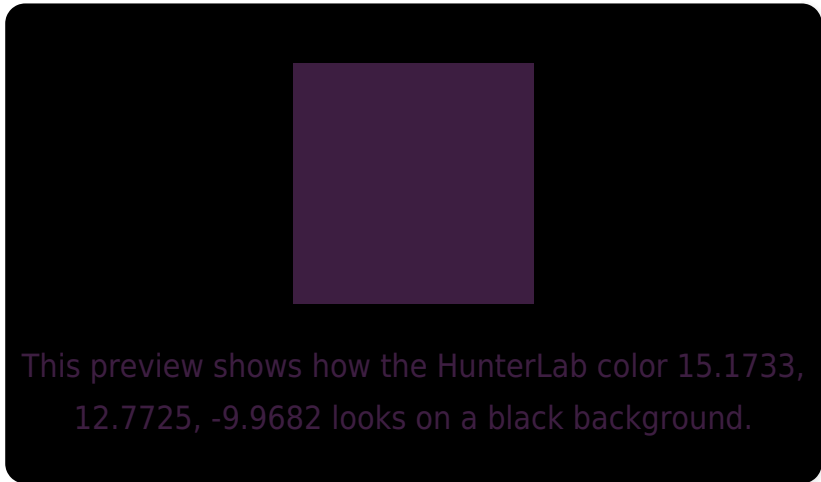
Large Text (above 18pt) WCAG AA ✓ Pass

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

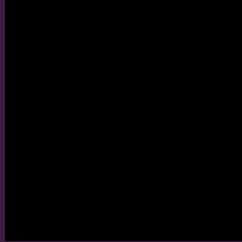
Any Text WCAG AA × Fail

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 15.1733, 12.7725, -9.9682 Background



This preview shows how black text looks on a background with the HunterLab color 15.1733, 12.7725, -9.9682.



This preview shows how white text looks on a background with the HunterLab color 15.1733, 12.7725, -9.9682.

-9.9682.

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

15.1733, 12.7725, -9.9682

Protanopia

15.2541, 2.7343, -16.4256

Deuteranopia

15.3457, 0.8856, -8.6978



Tritanopia

15.3921, 5.2185, 2.1822

Trichromacy



Original Color

15.1733, 12.7725, -9.9682

Protanomaly

14.8641, 5.6384, -14.5204

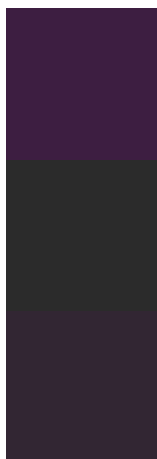
Deuteranomaly

15.1389, 4.8379, -9.5832

Tritanomaly

15.1237, 7.8694, -1.5055

Monochromacy



Original Color

15.1733, 12.7725, -9.9682

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.1768, 4.0913, -2.8119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1733, 12.7725, -9.9682 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(61, 30, 65)` looks like.

```
.text, #text, p{  
    color:rgb(61, 30, 65)  
}
```

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(61, 30, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 30, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1733, 12.7725, -9.9682 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(61, 30, 65) }
```


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

```
.border{ border-color:rgb(61, 30, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 30, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 30, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 30, 65);  
box-shadow:4px 4px 4px 4px rgb(61, 30, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1733, 12.7725, -9.9682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 30, 65) }
```

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

```
.background{ background-color: rgb(61, 30,  
65) }
```

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