

Converting Colors

HunterLab(14.9957, 13.4340,
-13.3704)

Have a look what the booklet for
HunterLab(14.9957, 13.4340,
-13.3704) contains.

HunterLab(15.0024, 13.5863, -13.4171)	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(15.0024, 13.5863,
-13.4171)**

Conversions

Conversions Part 1

Format	Color
Hex	3B1D46
RGB	59, 29, 70
RGB Percent	23%, 11%, 27%
CMY	0.7686, 0.8863, 0.7255
CMYK	0.16, 0.59, 0.00, 0.73
HSL	284°, 41%, 19%
HSV	284°, 59%, 27%
XYZ	3.3485, 2.2507, 6.0523
YIQ	42.6440, 4.7190, 19.1110

Conversions

Conversions Part 2

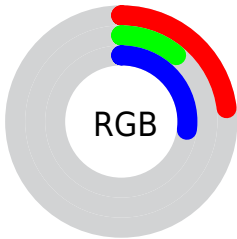
Format	Color
R_{YB}	59, 29, 70
Decimal	3874118
CIE _{Lab}	16.75, 22.74, -19.86
CIE _{LCh}	17, 30.190, 318.868
Yxy	2.2508, 0.2874, 0.1932
Android (android.graphics.Color)	4282064198 (0xFF3B1D46)
YUV	42.6440, 13.4865, 14.3442
Hunter-Lab	15.0024, 13.5863, -13.4171

Details

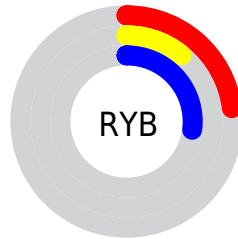
The HunterLab color **15.0024, 13.5863, -13.4171** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.1814, -12.3658, 10.3444**, and the grayscale version is **15.3829, -0.8208, 0.8358**.

A 20% lighter version of the original color is **30.6881, 15.8789, -14.5312**, and **3.4329, 8.1840, -15.6498** is the 20% darker color. If you saturate the color by 10%, you get **13.7460, 16.0280, -16.2417**, and if you desaturate by 10%, it is **16.4082, 11.0302, -10.6339**.

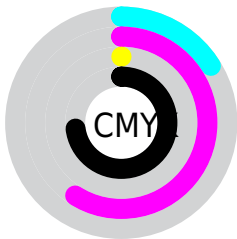
Distribution



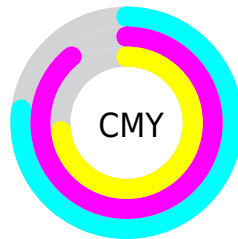
- Red (23%)
- Green (11%)
- Blue (27%)



- Red (23%)
- Yellow (11%)
- Blue (27%)



- Cyan (16%)
- Magenta (59%)
- Yellow (0%)
- Black (73%)



- Cyan (77%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0024, 13.5863, -13.4171 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 15.0024, 13.5863, -13.4171 by changing the saturation by 10% instead.

■ 15.0024, 13.5863,
-13.4171

■ 15.0024, 13.5863,
-13.4171

■ 108.8569, 19.0355,
-15.7712

■ 8.6457, 12.5492,
-13.2018

■ 30.6670, 15.5849,
-14.3366

0.0000, INF, -NF

0.0000, NaN, NaN

■ 39.7882, 16.3714,
-14.7334

0.0000, NaN, NaN

■ 49.6684, 17.0401,
-15.0643

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2533, 17.6055,
-15.3284

0.0000, NaN, NaN

■ 71.4987, 18.0792,
-15.5278

0.0000, NaN, NaN

■ 83.3678, 18.4706,

0.0000, NaN, NaN

-15.6658

95.8295, 18.7872,
-15.7459

15.0024, 13.5863,
-13.4171

15.0024, 13.5863,
-13.4171

13.7460, 16.0280,
-16.2417

16.4082, 11.0302,
-10.6339

12.6611, 18.2393,
-19.0131

17.9410, 8.4381,
-7.9458

11.7590, 20.1019,
-21.6178

19.5829, 5.8547,
-5.3739

10.8651, 22.1625,
-24.5364

21.3183, 3.3036,
-2.9210

10.7319, 22.4990,
-25.0050

23.1347, 0.7945,
-0.5804

■ 25.0219, -1.6704,
1.6592

■ 26.9713, -4.0931,
3.8104

■ 28.9762, -6.4778,
5.8854

■ 31.0310, -8.8293,
7.8955

Harmonies

Analogous

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



15.0027, 4.8533, -22.5736



15.0024, 13.5863, -13.4171



15.0027, 18.8187, -2.5028

Triad

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



15.0027, 13.5859, -13.4166



15.0027, 2.4835, 10.5019



15.0027, -13.3377, -5.1256

Complementary

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



15.0024, 13.5863, -13.4171



22.1814, -12.3658, 10.3444

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.



15.0027, -13.6971, 3.5169



15.0024, 13.5863, -13.4171



15.0027, -5.7255, 10.4150

Square

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



15.0027, 13.5859, -13.4166



15.0027, 11.5224, 8.8045



15.0027, -11.2262, 8.0087



15.0027, -10.1029, -16.2277

Rectangle

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



15.0024, 13.5863, -13.4171



15.0027, 18.9828, 3.0195



15.0027, -11.2262, 8.0087



15.0027, -13.7670, -1.7809

Sweetspot

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



15.0027, 13.5859, -13.4166



28.0764, 4.4149, -3.9073



15.0432, 2.0575, -13.5319



14.0143, 2.4821, -2.2127



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.0027, 13.5859, -13.4166



17.4821, 22.4476, -23.0187



15.8716, 15.0813, -6.5100



12.3224, 0.4297, -0.3152



15.2215, 32.0421, -36.4799



36.9555, 78.2869, -92.3935

Inverse Universe

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



15.2777, 12.3833, 1.8400



18.0600, 20.4576, 3.4091



21.8649, -13.4060, 8.2925



12.3290, 0.3282, 0.6523



16.6004, 28.8965, 7.1003



40.8148, 70.7191, 19.9978

Previews

White Background



This preview shows how the HunterLab color 15.0024, 13.5863, -13.4171 looks on a white background.

Color Contrast Check

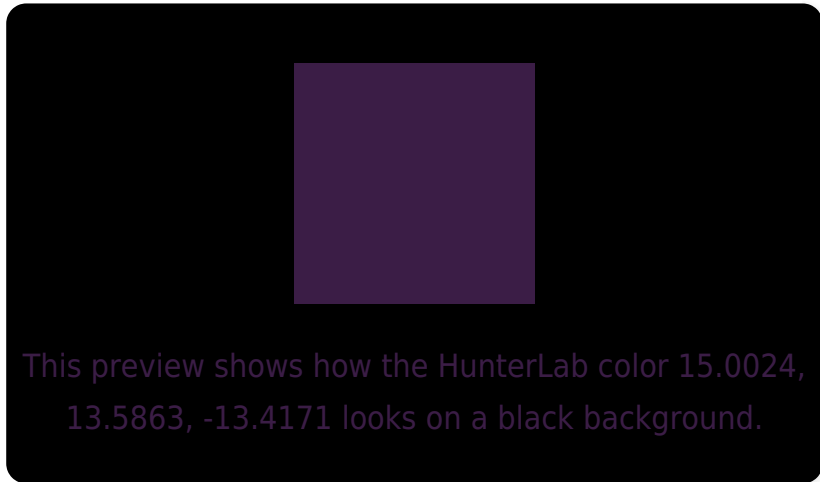
Large Text (above 18pt) WCAG AA ✓ Pass

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

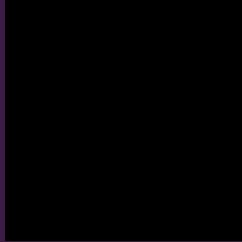
Any Text WCAG AA × Fail

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 15.0024, 13.5863, -13.4171 Background



This preview shows how black text looks on a background with the HunterLab color 15.0024, 13.5863, -13.4171.



This preview shows how white text looks on a background with the HunterLab color 15.0024, 13.5863, -13.4171.

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

15.0024, 13.5863, -13.4171

Protanopia

15.1939, 3.1051, -20.9603

Deuteranopia

15.1865, 0.7319, -11.9804



Tritanopia

15.1280, 4.4416, 1.5318

Trichromacy



Original Color

15.0024, 13.5863, -13.4171

Protanomaly

14.7726, 5.9065, -18.9734

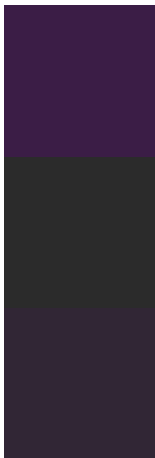
Deuteranomaly

14.7788, 5.2072, -13.3896

Tritanomaly

14.9125, 7.4241, -3.1333

Monochromacy



Original Color

15.0024, 13.5863, -13.4171

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.1533, 4.1361, -3.7687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0024, 13.5863, -13.4171 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(59, 29, 70)` looks like.

```
.text, #text, p{  
    color:rgb(59, 29, 70)  
}
```

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(59, 29, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 29, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0024, 13.5863, -13.4171 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(59, 29, 70) }
```


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

```
.border{ border-color:rgb(59, 29, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 29, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 29, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 29, 70);  
box-shadow:4px 4px 4px 4px rgb(59, 29, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0024, 13.5863, -13.4171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 29, 70) }
```

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

```
.background{ background-color: rgb(59, 29,  
70) }
```

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