

Converting Colors

HunterLab(15.3436, 2.2730,
-10.4127)

Have a look what the booklet for
HunterLab(15.3436, 2.2730,
-10.4127) contains.

HunterLab(15.3437, 2.2770, -10.4221)	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(15.3437, 2.2770,
-10.4221)**

Conversions

Conversions Part 1

Format	Color
Hex	242942
RGB	36, 41, 66
RGB Percent	14%, 16%, 26%
CMY	0.8588, 0.8392, 0.7412
CMYK	0.45, 0.38, 0.00, 0.74
HSL	230°, 29%, 20%
HSV	230°, 45%, 26%
XYZ	2.5039, 2.3543, 5.4767
YIQ	42.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

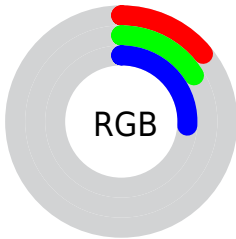
Format	Color
RYB	36, 40, 66
Decimal	2369858
CIELab	17.25, 5.47, -16.51
CIElCh	17, 17.388, 288.337
Yxy	2.3544, 0.2423, 0.2278
Android (android.graphics.Color)	4280559938 (0xFF242942)
YUV	42.3550, 11.6570, -5.5733
Hunter-Lab	15.3437, 2.2770, -10.4221




Details

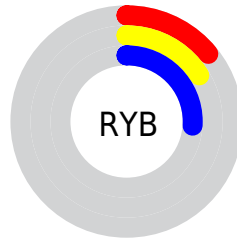
The HunterLab color **15.3437, 2.2770, -10.4221** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.5016, -2.4783, 8.6031**, and the grayscale version is **15.2980, -0.8163, 0.8312**.




A 20% lighter version of the original color is **31.0875, 2.1239, -11.1687**, and **2.8908, 5.1606, -14.7536** is the 20% darker color. If you saturate the color by 10%, you get **13.7557, 3.4033, -13.6803**, and if you desaturate by 10%, it is **17.0051, 1.3085, -7.4697**.

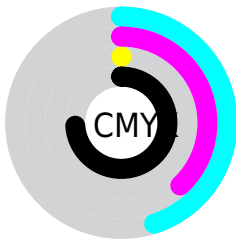
Distribution







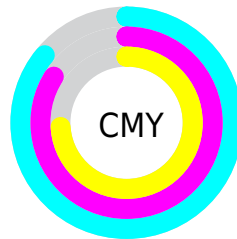
-  Red (14%)
-  Green (16%)
-  Blue (26%)






-  Red (14%)
-  Yellow (16%)
-  Blue (26%)



-  Cyan (45%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (74%)



-  Cyan (86%)
-  Magenta (84%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3437, 2.2770, -10.4221 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 15.3437, 2.2770, -10.4221 by changing the saturation by 10% instead.

■ 15.3437, 2.2770,
-10.4221

■ 15.3437, 2.2770,
-10.4221

■ 109.5158, -0.0501,
-11.8262

■ 8.9569, 2.2063,
-10.0539

■ 31.0995, 2.2024,
-11.1994

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.2597, 2.0446,
-11.4868

0.0000, NaN, NaN

■ 50.1760, 1.8222,
-11.7016

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.7945, 1.5426,
-11.8473

0.0000, NaN, NaN

■ 72.0716, 1.2116,
-11.9285

0.0000, NaN, NaN

■ 83.9708, 0.8335,

0.0000, NaN, NaN

-11.9494

96.4611, 0.4120,
-11.9141

15.3437, 2.2770,
-10.4221

15.3437, 2.2770,
-10.4221

13.7557, 3.4033,
-13.6803

17.0051, 1.3085,
-7.4697

12.2546, 4.7219,
-17.3035

18.7281, 0.4683,
-4.7693

10.8600, 6.2672,
-21.3382

20.5047, -0.2681,
-2.2736

9.5973, 8.0614,
-25.7873

22.3286, -0.9199,
0.0562

8.4471, 9.9701,
-30.7985

24.1945, -1.5027,
2.2513

■ 7.9542, 10.8337,
-33.3289

■ 26.0985, -2.0285,
4.3368

■ 28.0371, -2.5071,
6.3327

■ 30.0077, -2.9461,
8.2550

■ 32.0078, -3.3517,
10.1168

Harmonies

Analogous

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



15.3440, -2.6886, -10.8755



15.3437, 2.2770, -10.4221



15.3440, 6.9209, -6.4466

Triad

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



15.3440, 2.2769, -10.4217



15.3440, 6.0015, 6.1587



15.3440, -9.0409, 2.5481

Complementary

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



15.3437, 2.2770, -10.4221



21.5016, -2.4783, 8.6031

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.



15.3440, -7.2765, 5.7004



15.3437, 2.2770, -10.4221



15.3440, 1.1435, 7.3081

Square

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



15.3440, 2.2769, -10.4217



15.3440, 9.2512, 3.4091



15.3440, -3.6884, 7.1666



15.3440, -8.8183, -2.2800

Rectangle

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



15.3437, 2.2770, -10.4221



15.3440, 9.0178, -2.8790



15.3440, -3.6884, 7.1666



15.3440, -8.6706, 3.8041

Sweetspot

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



15.3440, 2.2769, -10.4217



27.2238, -0.4296, -2.7302



21.4674, -8.3147, 0.8891



13.7400, -0.1742, -1.5447



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.



15.3440, 2.2769, -10.4217



17.7338, 4.8026, -18.9203



14.9534, 6.5516, -11.1078



11.5433, -0.3861, -0.3409



11.1186, 18.1177, -53.0081



25.9839, 51.9596, -144.6435

Inverse Universe

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



16.0630, 8.3161, 2.2999



19.1541, 14.3890, 3.7423



22.0559, -7.0541, 8.9802



11.5834, 0.2465, 0.7213



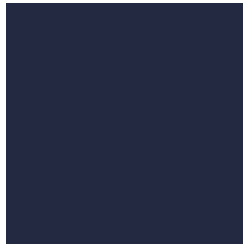
16.0429, 27.7100, 8.5373



40.0592, 68.9423, 23.2519

Previews

White Background



This preview shows how the HunterLab color 15.3437, 2.2770, -10.4221 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

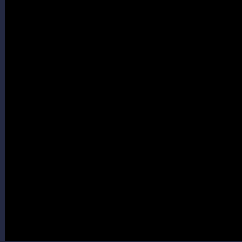
Any Text WCAG AA × Fail

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 15.3437, 2.2770, -10.4221 Background



This preview shows how black text looks on a background with the HunterLab color 15.3437, 2.2770, -10.4221.



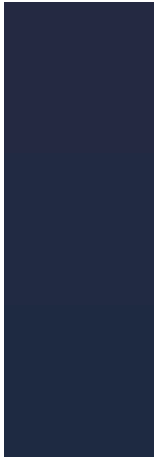
This preview shows how white text looks on a background with the HunterLab color 15.3437, 2.2770, -10.4221.

-10.4221.

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

15.3437, 2.2770, -10.4221

Protanopia

15.4419, 1.5088, -10.8472

Deuteranopia

15.2489, 0.7849, -10.6304



Tritanopia

15.4320, -3.4449, -1.2946

Trichromacy



Original Color

15.3437, 2.2770, -10.4221

Protanomaly

15.4960, 1.6887, -10.7395

Deuteranomaly

15.3504, 1.1262, -10.4294

Tritanomaly

15.4937, -1.5668, -4.3118

Monochromacy



Original Color

15.3437, 2.2770, -10.4221

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.3169, 0.0060, -2.6852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3437, 2.2770, -10.4221 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(36, 41, 66)` looks like.

```
.text, #text, p{  
    color:rgb(36, 41, 66)  
}
```

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(36, 41, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 41, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3437, 2.2770, -10.4221 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(36, 41, 66) }
```


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

```
.border{ border-color:rgb(36, 41, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 41, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 41, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 41, 66);  
box-shadow:4px 4px 4px 4px rgb(36, 41, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3437, 2.2770, -10.4221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 41, 66) }
```

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

```
.background{ background-color: rgb(36, 41,  
66) }
```

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