

Converting Colors

HunterLab(15.3127, 1.3986,
-2.6699)

Have a look what the booklet for
HunterLab(15.3127, 1.3986, -2.6699)
contains.

HunterLab(15.3635, 1.3373, -2.5964)	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(15.3635, 1.3373,
-2.5964)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2933
RGB	44, 41, 51
RGB Percent	17%, 16%, 20%
CMY	0.8274, 0.8392, 0.8000
CMYK	0.14, 0.20, 0.00, 0.80
HSL	258°, 11%, 18%
HSV	258°, 20%, 20%
XYZ	2.4292, 2.3604, 3.4595
YIQ	43.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

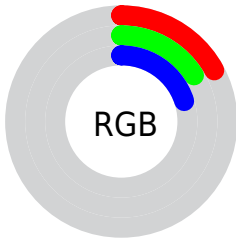
Format	Color
R_{YB}	44, 41, 51
Decimal	2894131
CIE Lab	17.28, 3.85, -5.97
CIE LCh	17, 7.109, 302.819
Yxy	2.3605, 0.2945, 0.2861
Android (android.graphics.Color)	4281084211 (0xFF2C2933)
YUV	43.0370, 3.9258, 0.8446
Hunter-Lab	15.3635, 1.3373, -2.5964

Details

The HunterLab color **15.3635, 1.3373, -2.5964** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7657, -2.9261, 3.8944**, and the grayscale version is **15.5430, -0.8293, 0.8445**.

A 20% lighter version of the original color is **31.1325, 1.1447, -2.3341**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **13.9807, 2.5672, -4.6226**, and if you desaturate by 10%, it is **16.7897, 0.1449, -0.7119**.

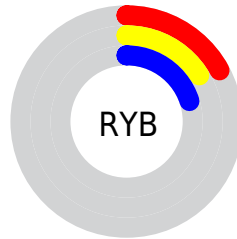
Distribution



Red (17%)

Green (16%)

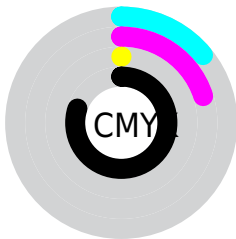
Blue (20%)



Red (17%)

Yellow (16%)

Blue (20%)

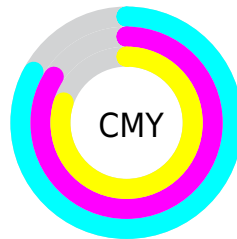


Cyan (14%)

Magenta (20%)

Yellow (0%)

Black (80%)



Cyan (83%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3635, 1.3373, -2.5964 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 15.3635, 1.3373, -2.5964 by changing the saturation by 10% instead.

■ 15.3635, 1.3373,
-2.5964

■ 15.3635, 1.3373,
-2.5964

■ 109.5539, -1.7788,
-0.1698

■ 8.9746, 1.3938,
-2.5295

■ 31.1246, 1.0404,
-2.4870

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.2871, 0.7861,
-2.3181

0.0000, NaN, NaN

■ 50.2055, 0.4739,
-2.0861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.8259, 0.1102,
-1.7976

0.0000, NaN, NaN

■ 72.1048, -0.3004,
-1.4580

0.0000, NaN, NaN

■ 84.0057, -0.7540,

0.0000, NaN, NaN

-1.0713

96.4977, -1.2476,
-0.6409

15.3635, 1.3373,
-2.5964

15.3635, 1.3373,
-2.5964

13.9807, 2.5672,
-4.6226

16.7897, 0.1449,
-0.7119

12.6466, 3.8432,
-6.8234

18.2532, -1.0161,
1.0563

11.3700, 5.1721,
-9.2354

19.7504, -2.1522,
2.7302

10.1618, 6.5579,
-11.8974

21.2780, -3.2685,
4.3270

9.0365, 7.9961,
-14.8414

22.8334, -4.3693,
5.8607

■ 8.0130, 9.4622,
-18.0713

■ 24.4145, -5.4581,
7.3425

■ 7.0188, 11.2115,
-21.9359

■ 26.0193, -6.5379,
8.7816

■ 5.9048, 13.9700,
-27.5654

■ 27.6462, -7.6109,
10.1854

■ 5.8575, 14.1116,
-27.8462

■ 29.2941, -8.6790,
11.5599

Harmonies

Analogous

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



15.3638, -0.6295, -3.3208



15.3635, 1.3373, -2.5964



15.3638, 2.7815, -0.9451

Triad

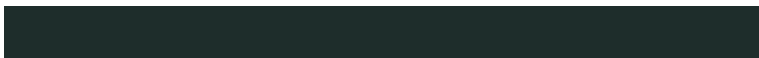
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.3638, 1.3370, -2.5961



15.3638, 0.9903, 3.7679



15.3638, -4.5033, 0.6539

Complementary

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



15.3635, 1.3373, -2.5964



17.7657, -2.9261, 3.8944

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.



15.3638, -4.1187, 2.4270



15.3635, 1.3373, -2.5964



15.3638, -1.0107, 4.0819

Square

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



15.3638, 1.3370, -2.5961



15.3638, 2.5742, 2.7034



15.3638, -2.8653, 3.6234



15.3638, -3.9441, -1.2992

Rectangle

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



15.3635, 1.3373, -2.5964



15.3638, 3.2171, 0.3682



15.3638, -2.8653, 3.6234



15.3638, -4.4801, 1.2901

Sweetspot

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



15.3638, 1.3370, -2.5961



22.2510, -0.3097, -0.1524



16.8466, -2.1887, -0.6803



11.7528, -0.1669, -0.0753



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.3638, 1.3370, -2.5961



18.7835, 2.6121, -4.7961



15.7284, 2.5403, -2.0702



9.3482, -0.0094, -0.2540



9.7744, 24.1609, -51.2181



24.7409, 62.5653, -140.5666

Inverse Universe

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



15.8215, 2.6812, -0.6833



19.5598, 4.8370, -1.4719



17.4500, -4.0702, 3.5531



9.4496, 0.3010, 0.1511



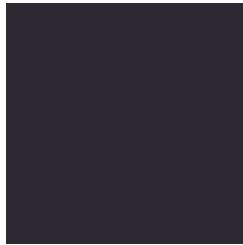
15.7776, 29.2573, -7.1518



41.1967, 76.0321, -15.8714

Previews

White Background



This preview shows how the HunterLab color 15.3635, 1.3373, -2.5964 looks on a white background.

Color Contrast Check

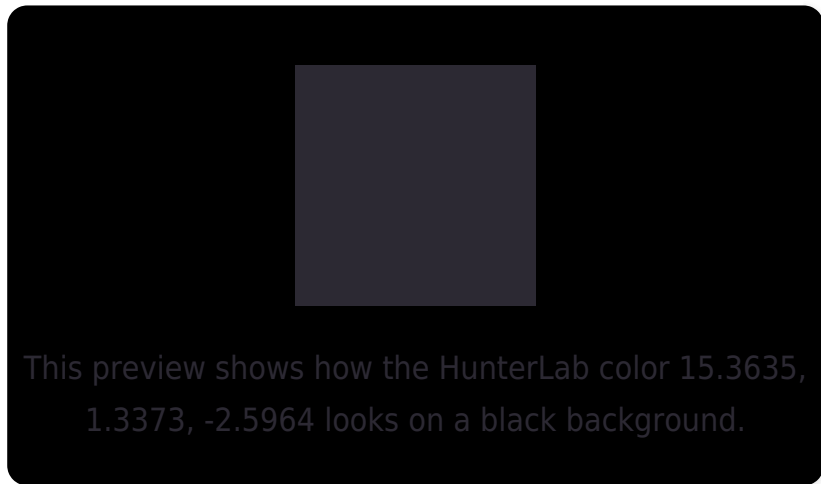
Large Text (above 18pt) WCAG AA ✓ Pass

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

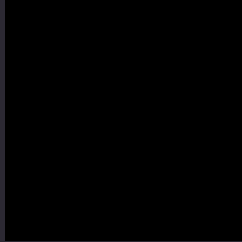
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

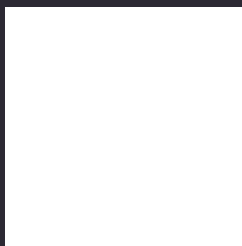
Any Text WCAG AAA × Fail

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

HunterLab 15.3635, 1.3373, -2.5964 Background



This preview shows how black text looks on a background with the HunterLab color 15.3635, 1.3373, -2.5964.



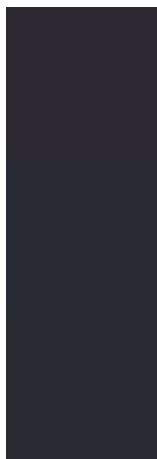
This preview shows how white text looks on a background with the HunterLab color 15.3635, 1.3373, -2.5964.

-2.5964.

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

15.3635, 1.3373, -2.5964

Protanopia

15.3459, 0.1636, -3.0930

Deuteranopia

15.4505, 0.4618, -2.4900



Tritanopia

15.3590, -0.1726, -0.1225

Trichromacy



Original Color

15.3635, 1.3373, -2.5964

Protanomaly

15.4119, 0.3885, -2.9947

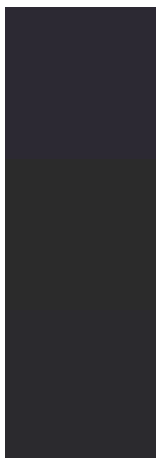
Deuteranomaly

15.5195, 0.6953, -2.3901

Tritanomaly

15.4102, 0.1057, -0.8494

Monochromacy



Original Color

15.3635, 1.3373, -2.5964

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3843, -0.0348, -0.4823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3635, 1.3373, -2.5964 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(44, 41, 51)` looks like.

```
.text, #text, p{  
    color:rgb(44, 41, 51)  
}
```

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(44, 41, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 41, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3635, 1.3373, -2.5964 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(44, 41, 51) }
```


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

```
.border{ border-color:rgb(44, 41, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 41, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 41, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 41, 51);  
box-shadow:4px 4px 4px 4px rgb(44, 41, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.3635, 1.3373, -2.5964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 41, 51) }
```

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

```
.background{ background-color: rgb(44, 41,  
51) }
```

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