

Converting Colors

HunterLab(16.0545, -2.6863,
1.1212)

Have a look what the booklet for
HunterLab(16.0545, -2.6863, 1.1212)
contains.

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Color

**HunterLab(16.0840, -2.5474,
1.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	282E2C
RGB	40, 46, 44
RGB Percent	16%, 18%, 17%
CMY	0.8431, 0.8196, 0.8274
CMYK	0.13, 0.00, 0.04, 0.82
HSL	160°, 7%, 17%
HSV	160°, 13%, 18%
XYZ	2.3067, 2.5870, 2.7606
YIQ	43.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

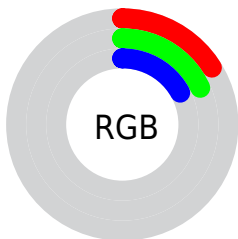
Format	Color
RYB	40, 44, 46
Decimal	2633260
CIELab	18.31, -3.12, 0.40
CIELCh	18, 3.141, 172.757
Yxy	2.5871, 0.3014, 0.3380
Android (android.graphics.Color)	4280823340 (0xFF282E2C)
YUV	43.9780, 0.0108, -3.4887
Hunter-Lab	16.0840, -2.5474, 1.0824

Details

The HunterLab color **16.0840, -2.5474, 1.0824** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.0521, 0.9757, 0.6633**, and the grayscale version is **15.8641, -0.8465, 0.8619**.

A 20% lighter version of the original color is **32.1043, -4.0484, 2.2572**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7765, -3.7339, 1.2584**, and if you desaturate by 10%, it is **16.4212, -1.2820, 0.9366**.

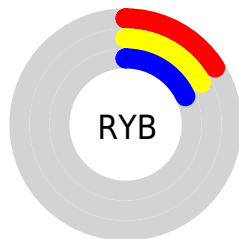
Distribution



Red (16%)

Green (18%)

Blue (17%)



Red (16%)

Yellow (17%)

Blue (18%)

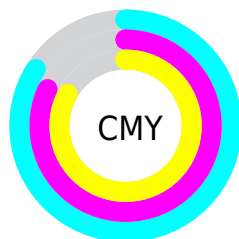


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (82%)



Cyan (84%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0840, -2.5474, 1.0824 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 16.0840, -2.5474, 1.0824 by changing the saturation by 10% instead.

■ 16.0840, -2.5474,
1.0824

■ 16.0840, -2.5474,
1.0824

■ 110.9330, -9.1890,
6.4346

■ 9.5925, -1.9353,
0.6960

■ 32.0337, -3.8522,
2.0049

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.2771, -4.5395,
2.5313

0.0000, NaN, NaN

■ 51.2702, -5.2521,
3.0967

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.9605, -5.9899,
3.6987

0.0000, NaN, NaN

■ 73.3052, -6.7530,
4.3351

0.0000, NaN, NaN

■ 85.2685, -7.5408,

0.0000, NaN, NaN

5.0042

97.8199, -8.3530,
5.7045

16.0840, -2.5474,
1.0824

16.0840, -2.5474,
1.0824

15.7765, -3.7339,
1.2584

16.4212, -1.2820,
0.9366

15.4981, -4.8333,
1.4633

16.7864, 0.0558,
0.8205

15.2495, -5.8392,
1.6962

17.1792, 1.4580,
0.7342

15.0307, -6.7462,
1.9554

17.5987, 2.9171,
0.6772

14.8414, -7.5500,
2.2388

18.0440, 4.4261,
0.6487

■ 14.6810, -8.2479,
2.5437

■ 18.5139, 5.9783,
0.6477

■ 14.5454, -8.8520,
2.8637

■ 19.0076, 7.5676,
0.6731

■ 14.4137, -9.4449,
3.1742

■ 19.5238, 9.1885,
0.7237

■ 14.3222, -9.8594,
3.3822

■ 20.0617, 10.8360,
0.7980

Harmonies

Analogous

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



16.0843, -2.2199, 1.8446



16.0840, -2.5474, 1.0824



16.0843, -2.4311, 0.2225

Triad

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



16.0843, -2.5477, 1.0826



16.0843, -0.1810, -0.7255



16.0843, 0.2067, 2.1373

Complementary

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



16.0840, -2.5474, 1.0824



15.0521, 0.9757, 0.6633

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.



16.0843, 0.7758, 1.5022



16.0840, -2.5474, 1.0824



16.0843, 0.5485, -0.1579

Square

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



16.0843, -2.5477, 1.0826



16.0843, -1.0777, -0.8531



16.0843, 0.9022, 0.6656



16.0843, -0.6393, 2.4313

Rectangle

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



16.0840, -2.5474, 1.0824



16.0843, -2.1158, -0.2882



16.0843, 0.9022, 0.6656



16.0843, 0.4375, 1.9583

Sweetspot

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



16.0843, -2.5477, 1.0826



20.6052, -1.8034, 1.1977



16.1296, -2.5632, 2.5148



11.4701, -1.0282, 0.6695



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



16.0843, -2.5477, 1.0826



20.0812, -3.7848, 1.4416



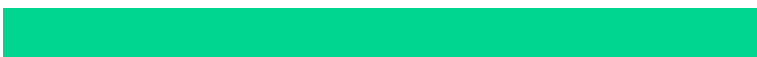
15.9150, -1.9372, 0.1431



9.0837, -1.0797, 0.5628



26.5919, -18.7298, 7.1947



70.8314, -50.7764, 21.0785

Inverse Universe

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



15.0521, 0.9757, 0.6633



18.4109, 1.9203, 0.7650



15.2088, 0.3703, 1.5520



8.7237, 0.1486, 0.4162



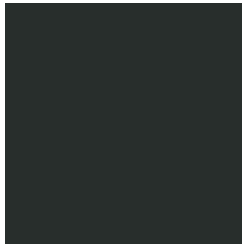
14.4917, 25.4264, 4.6432



38.4534, 67.0498, 15.5673

Previews

White Background



This preview shows how the HunterLab color 16.0840, -2.5474, 1.0824 looks on a white background.

Color Contrast Check

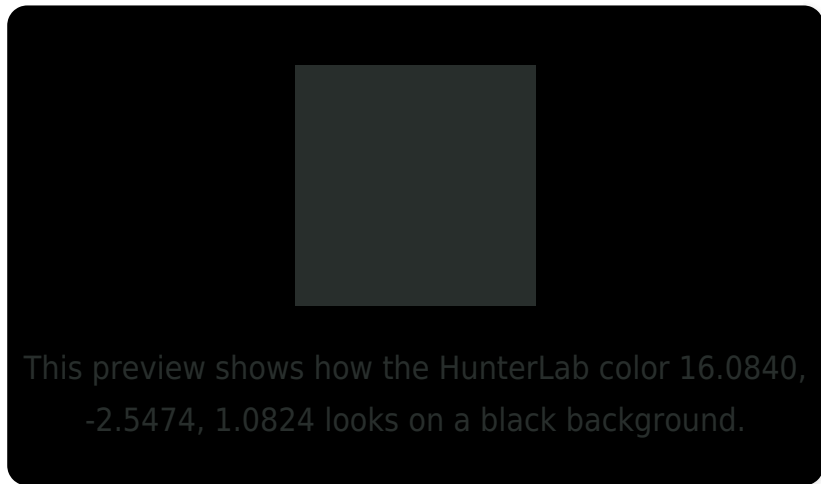
Large Text (above 18pt) WCAG AA ✓ Pass

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

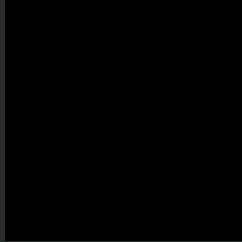
Any Text WCAG AA × Fail

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 16.0840, -2.5474, 1.0824 Background



This preview shows how black text looks on a background with the HunterLab color 16.0840, -2.5474, 1.0824.

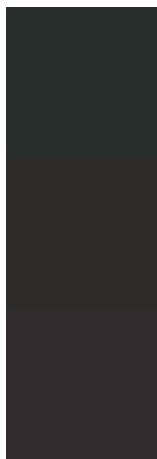


This preview shows how white text looks on a background with the HunterLab color 16.0840, -2.5474, 1.0824.

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

16.0840, -2.5474, 1.0824

Protanopia

15.9894, -0.4806, 1.3694

Deuteranopia

16.0318, 0.9393, 0.7137



Tritanopia

16.0310, -1.2508, -0.8904

Trichromacy



Original Color

16.0840, -2.5474, 1.0824

Protanomaly

16.0831, -1.3630, 1.4610

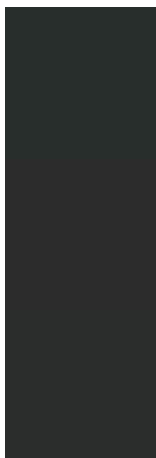
Deuteranomaly

16.0364, -0.2248, 0.6989

Tritanomaly

15.9794, -1.5352, -0.1589

Monochromacy



Original Color

16.0840, -2.5474, 1.0824

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.0381, -1.4748, 1.0478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0840, -2.5474, 1.0824 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(40, 46, 44)` looks like.

```
.text, #text, p{  
    color:rgb(40, 46, 44)  
}
```

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(40, 46, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 46, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0840, -2.5474, 1.0824 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(40, 46, 44) }
```


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

```
.border{ border-color:rgb(40, 46, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 46, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 46, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 46, 44);  
box-shadow:4px 4px 4px 4px rgb(40, 46, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0840, -2.5474, 1.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 46, 44) }
```

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

```
.background{ background-color: rgb(40, 46,  
44) }
```

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](#).

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