

Converting Colors

HunterLab(15.9198, -4.1517,
2.7417)

Have a look what the booklet for
HunterLab(15.9198, -4.1517, 2.7417)
contains.

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Color

**HunterLab(16.0400, -4.1922,
2.7154)**

Conversions

Conversions Part 1

Format	Color
Hex	252F27
RGB	37, 47, 39
RGB Percent	15%, 18%, 15%
CMY	0.8549, 0.8157, 0.8471
CMYK	0.21, 0.00, 0.17, 0.82
HSL	132°, 12%, 16%
HSV	132°, 21%, 18%
XYZ	2.1457, 2.5728, 2.3030
YIQ	43.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

Format	Color
RYB	37, 45, 47
Decimal	2436903
CIELab	18.25, -6.30, 3.73
CIElCh	18, 7.319, 149.336
Yxy	2.5729, 0.3056, 0.3664
Android (android.graphics.Color)	4280626983 (0xFF252F27)
YUV	43.0980, -2.0203, -5.3479
Hunter-Lab	16.0400, -4.1922, 2.7154

Details

The HunterLab color **16.0400, -4.1922, 2.7154** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.5498, 2.8477, -1.1016**, and the grayscale version is **15.5822, -0.8314, 0.8466**.

A 20% lighter version of the original color is **32.0353, -5.9461, 4.1126**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7093, -5.5777, 3.5101**, and if you desaturate by 10%, it is **16.4065, -2.6993, 1.8860**.

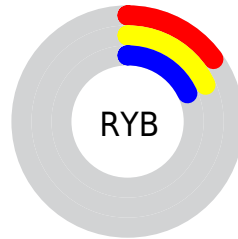
Distribution



Red (15%)

Green (18%)

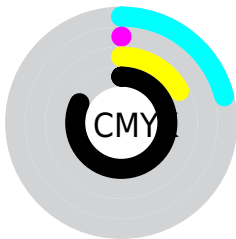
Blue (15%)



Red (15%)

Yellow (18%)

Blue (18%)

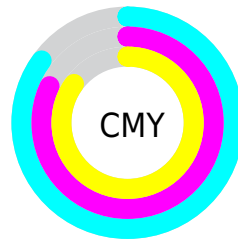


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (82%)



Cyan (85%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.0400, -4.1922, 2.7154 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 16.0400, -4.1922, 2.7154 by changing the saturation by 10% instead.

■ 16.0400, -4.1922,
2.7154

■ 16.0400, -4.1922,
2.7154

110.8492,
-12.4756, 9.7100

■ 9.5555, -3.3863,
2.1413

■ 31.9783, -5.9737,
4.1152

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.2168, -6.8633,
4.8440

0.0000, NaN, NaN

■ 51.2054, -7.7620,
5.5957

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8915, -8.6732,
6.3710

0.0000, NaN, NaN

■ 73.2322, -9.5991,
7.1702

0.0000, NaN, NaN

■ 85.1917, -10.5409,

0.0000, NaN, NaN

7.9933

97.7395, -11.4996,
8.8400

16.0400, -4.1922,
2.7154

16.0400, -4.1922,
2.7154

15.7093, -5.5777,
3.5101

16.4065, -2.6993,
1.8860

15.4139, -6.8442,
4.2632

16.8068, -1.1093,
1.0276

15.1546, -7.9823,
4.9687

17.2403, 0.5662,
0.1461

14.9313, -8.9841,
5.6206

17.7056, 2.3161,
-0.7531

14.7437, -9.8439,
6.2136

18.2014, 4.1301,
-1.6652

■ 14.5899, -10.5627,
6.7425

■ 18.7265, 5.9985,
-2.5860

■ 14.4493, -11.2221,
7.1888

■ 19.2793, 7.9128,
-3.5118

■ 14.3308, -11.7755,
7.5077

■ 19.8586, 9.8650,
-4.4397

■ 20.4628, 11.8486,
-5.3673

Harmonies

Analogous

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



16.0403, -2.7923, 3.8806



16.0400, -4.1922, 2.7154



16.0403, -4.7073, 0.9177

Triad

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



16.0403, -4.1925, 2.7156



16.0403, -0.9036, -3.4747



16.0403, 2.8272, 2.6476

Complementary

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



16.0400, -4.1922, 2.7154



14.5498, 2.8477, -1.1016

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.



16.0403, 3.3953, 0.8284



16.0400, -4.1922, 2.7154



16.0403, 1.1752, -2.8599

Square

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



16.0403, -4.1925, 2.7156



16.0403, -2.8696, -2.8052



16.0403, 2.7761, -1.2177



16.0403, 1.2606, 3.8450

Rectangle

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



16.0400, -4.1922, 2.7154



16.0403, -4.5007, -0.4550



16.0403, 2.7761, -1.2177



16.0403, 3.1447, 2.0966

Sweetspot

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



16.0403, -4.1925, 2.7156



21.3366, -2.4745, 1.8832



16.5178, -2.5376, 3.8513



11.4050, -1.3108, 1.0001



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.



16.0403, -4.1925, 2.7156



20.3485, -6.5075, 4.1280



16.1463, -3.5918, 1.1963



9.0612, -1.2044, 0.8839



26.0949, -21.8081, 14.4610



69.5469, -58.7472, 39.8908

Inverse Universe

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



14.5498, 2.8477, -1.1016



17.8968, 5.0890, -2.1522



14.4286, 2.2112, 0.6190



8.7473, 0.2761, 0.0800



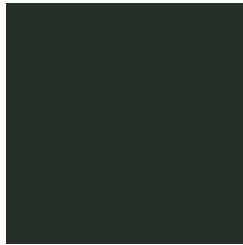
15.6397, 29.5594, -11.4128



41.5696, 78.2954, -28.2243

Previews

White Background



This preview shows how the HunterLab color 16.0400, -4.1922, 2.7154 looks on a white background.

Color Contrast Check

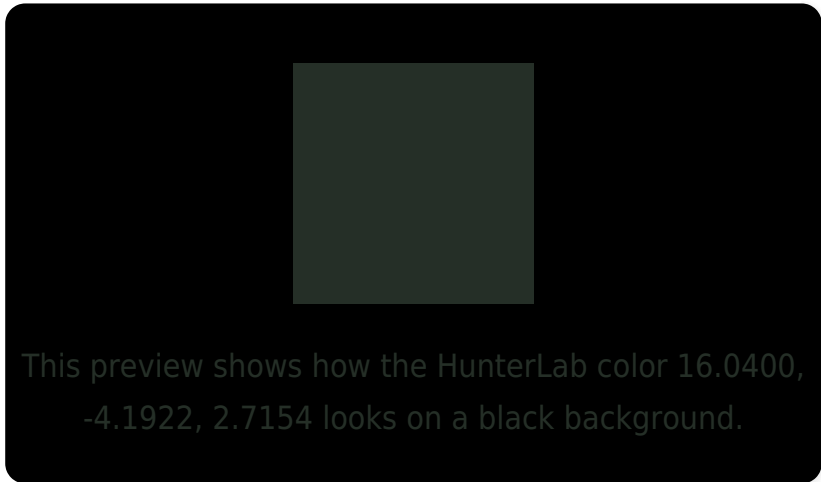
Large Text (above 18pt) WCAG AA ✓ Pass

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

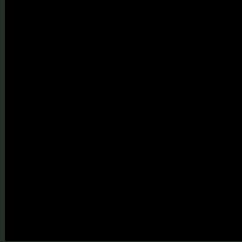
Any Text WCAG AA × Fail

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 16.0400, -4.1922, 2.7154 Background



This preview shows how black text looks on a background with the HunterLab color 16.0400, -4.1922, 2.7154.



This preview shows how white text looks on a background with the HunterLab color 16.0400, -4.1922, 2.7154.

2.7154.

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

16.0400, -4.1922, 2.7154

Protanopia

15.9551, -0.8156, 3.0029

Deuteranopia

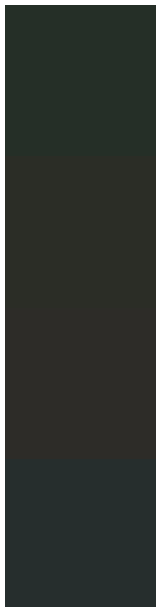
15.9971, 0.5957, 2.4274



Tritanopia

16.1464, -2.0771, -0.7569

Trichromacy



Original Color

16.0400, -4.1922, 2.7154

Protanomaly

15.9069, -2.2016, 2.9284

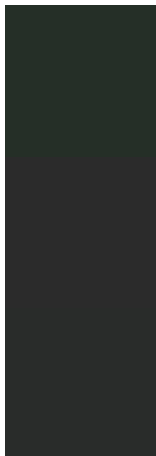
Deuteranomaly

15.8507, -1.0959, 2.2389

Tritanomaly

15.9860, -2.8522, 0.5928

Monochromacy



Original Color

16.0400, -4.1922, 2.7154

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.6203, -1.8176, 1.2789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.0400, -4.1922, 2.7154 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(37, 47, 39)` looks like.

```
.text, #text, p{  
    color:rgb(37, 47, 39)  
}
```

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(37, 47, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 47, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 16.0400, -4.1922, 2.7154 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(37, 47, 39) }
```


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

```
.border{ border-color:rgb(37, 47, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 47, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 47, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 47, 39);  
box-shadow:4px 4px 4px 4px rgb(37, 47, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.0400, -4.1922, 2.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 47, 39) }
```

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

```
.background{ background-color: rgb(37, 47,  
39) }
```

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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