

Converting Colors

HunterLab(16.9490, -2.5338,
2.1991)

Have a look what the booklet for
HunterLab(16.9490, -2.5338, 2.1991)
contains.

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Color

**HunterLab(16.8262, -2.3915,
1.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	2C302C
RGB	44, 48, 44
RGB Percent	17%, 19%, 17%
CMY	0.8275, 0.8118, 0.8275
CMYK	0.08, 0.00, 0.08, 0.81
HSL	120°, 4%, 18%
HSV	120°, 8%, 19%
XYZ	2.5503, 2.8312, 2.7949
YIQ	46.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

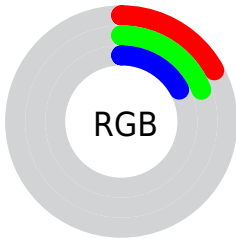
Format	Color
RYB	44, 48, 48
Decimal	2895916
CIELab	19.36, -2.70, 1.96
CIElCh	19, 3.340, 144.074
Yxy	2.8313, 0.3119, 0.3463
Android (android.graphics.Color)	4281085996 (0xFF2C302C)
YUV	46.3480, -1.1576, -2.0592
Hunter-Lab	16.8262, -2.3915, 1.9300

Details

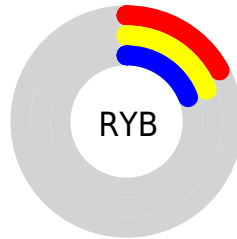
The HunterLab color **16.8262, -2.3915, 1.9300** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.2579, 0.6788, -0.1682**, and the grayscale version is **16.6483, -0.8883, 0.9045**.

A 20% lighter version of the original color is **32.9401, -3.8586, 3.2185**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.4228, -4.0580, 3.0560**, and if you desaturate by 10%, it is **17.2687, -0.6143, 0.7294**.

Distribution



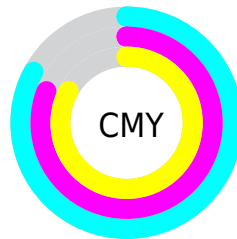
- Red (17%)
- Green (19%)
- Blue (17%)



- Red (17%)
- Yellow (19%)
- Blue (19%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (81%)



- Cyan (83%)
- Magenta (81%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8262, -2.3915, 1.9300 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 16.8262, -2.3915, 1.9300 by changing the saturation by 10% instead.

■ 16.8262, -2.3915,
1.9300

■ 16.8262, -2.3915,
1.9300

■ 112.3381, -8.8479,
8.0697

■ 10.2192, -1.8014,
1.4043

■ 32.9649, -3.6411,
3.0785

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.2897, -4.3055,
3.7017

0.0000, NaN, NaN

■ 52.3581, -4.9971,
4.3565

0.0000, NaN, NaN

■ 63.1188, -5.7156,
5.0420

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.5299, -6.4605,
5.7570

0.0000, NaN, NaN

■ 86.5561, -7.2313,

0.0000, NaN, NaN

6.5005

99.1675, -8.0273,
7.2717

16.8262, -2.3915,
1.9300

16.8262, -2.3915,
1.9300

16.4228, -4.0580,
3.0560

17.2687, -0.6143,
0.7294

16.0584, -5.5988,
4.0972

17.7479, 1.2609,
-0.5372

15.7345, -7.0009,
5.0449

18.2625, 3.2203,
-1.8604

15.4514, -8.2524,
5.8909

18.8109, 5.2516,
-3.2319

15.2093, -9.3435,
6.6285

19.3916, 7.3433,
-4.6439

■ 15.0077, -10.2671,
7.2529

■ 20.0028, 9.4854,
-6.0896

■ 14.8456, -11.0200,
7.7620

■ 20.6428, 11.6689,
-7.5629

■ 14.7051, -11.6803,
8.2085

■ 21.3101, 13.8863,
-9.0588

■ 14.5634, -12.3541,
8.6642

■ 22.0031, 16.1309,
-10.5727

Harmonies

Analogous

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



16.8266, -1.6576, 2.4660



16.8262, -2.3915, 1.9300



16.8266, -2.7253, 1.0992

Triad

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



16.8266, -2.3919, 1.9302



16.8266, -1.0921, -0.9586



16.8266, 0.8495, 1.6281

Complementary

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



16.8262, -2.3915, 1.9300



16.2579, 0.6788, -0.1682

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.



16.8266, 1.0093, 0.7305



16.8262, -2.3915, 1.9300



16.8266, -0.1262, -0.7972

Square

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



16.8266, -2.3919, 1.9302



16.8266, -1.9859, -0.5951



16.8266, 0.6484, -0.1658



16.8266, 0.2168, 2.2986

Rectangle

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



16.8262, -2.3915, 1.9300



16.8266, -2.6810, 0.4759



16.8266, 0.6484, -0.1658



16.8266, 0.9609, 1.3444

Sweetspot

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



16.8266, -2.3919, 1.9302



21.4928, -1.8704, 1.6598



17.0845, -1.3969, 2.2334



11.4739, -1.0463, 0.9186



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.



16.8266, -2.3919, 1.9302



21.0950, -3.4848, 2.7505



16.8707, -2.1463, 1.2982



9.0519, -1.2565, 1.0178



26.0152, -22.3080, 15.6399



69.4222, -59.5295, 41.7355

Inverse Universe

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



16.2579, 0.6788, -0.1682



20.1929, 1.3872, -0.5789



16.2098, 0.4194, 0.5160



8.7577, 0.3322, -0.0679



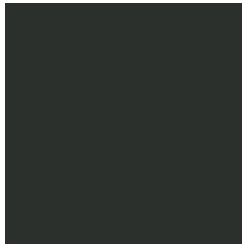
16.4165, 32.2755, -21.6528



43.8079, 86.1279, -57.7809

Previews

White Background



This preview shows how the HunterLab color 16.8262, -2.3915, 1.9300 looks on a white background.

Color Contrast Check

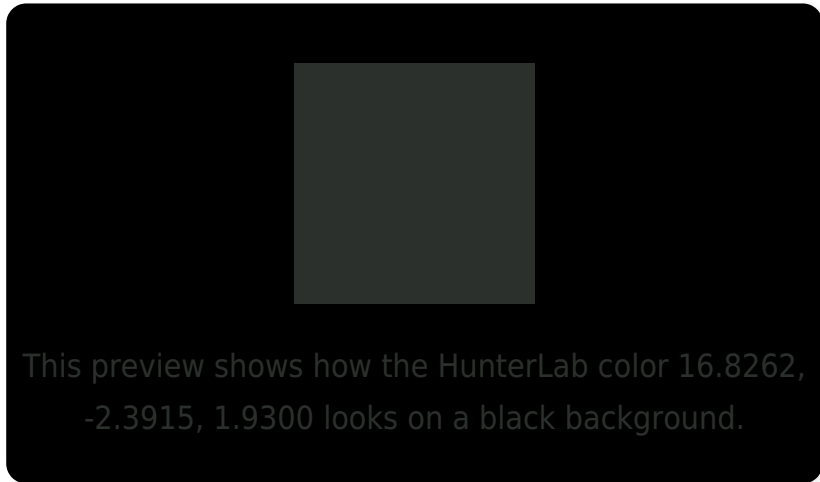
Large Text (above 18pt) WCAG AA ✓ Pass

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

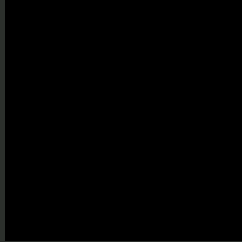
Any Text WCAG AA × Fail

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 16.8262, -2.3915, 1.9300 Background



This preview shows how black text looks on a background with the HunterLab color 16.8262, -2.3915, 1.9300.



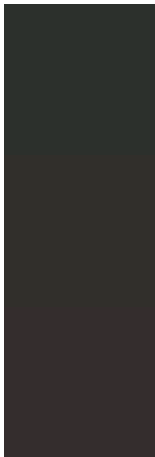
This preview shows how white text looks on a background with the HunterLab color 16.8262, -2.3915,

1.9300.

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

16.8262, -2.3915, 1.9300

Protanopia

16.9128, -0.8987, 2.3937

Deuteranopia

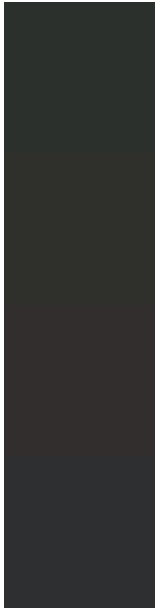
16.7221, 0.9260, 1.5179



Tritanopia

16.8224, -0.8298, -0.6871

Trichromacy



Original Color

16.8262, -2.3915, 1.9300

Protanomaly

16.7684, -1.4030, 2.2269

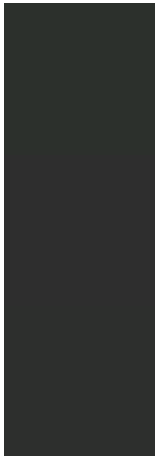
Deuteranomaly

16.7225, -0.2596, 1.4976

Tritanomaly

16.7461, -1.2485, 0.3966

Monochromacy



Original Color

16.8262, -2.3915, 1.9300

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.6745, -1.6433, 1.4184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8262, -2.3915, 1.9300 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, 48, 44)` looks like.

```
.text, #text, p{  
    color:rgb(44, 48, 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(44, 48, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 48, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8262, -2.3915, 1.9300 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, 48, 44) }
```


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

```
.border{ border-color:rgb(44, 48, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 48, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 48, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 48, 44);  
box-shadow:4px 4px 4px 4px rgb(44, 48, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8262, -2.3915, 1.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 48, 44) }
```

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

```
.background{ background-color: rgb(44, 48,  
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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