

Converting Colors

HunterLab(18.8262, -4.9632,
2.1774)

Have a look what the booklet for
HunterLab(18.8262, -4.9632, 2.1774)
contains.

HunterLab(18.9003, -4.8735, 2.0948)	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(18.9003, -4.8735,
2.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	2B3832
RGB	43, 56, 50
RGB Percent	17%, 22%, 20%
CMY	0.8314, 0.7804, 0.8039
CMYK	0.23, 0.00, 0.11, 0.78
HSL	152°, 13%, 19%
HSV	152°, 23%, 22%
XYZ	2.9861, 3.5722, 3.5497
YIQ	51.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

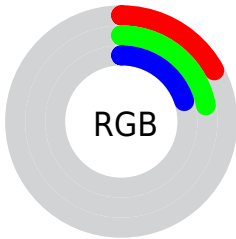
Format	Color
RYB	43, 51, 56
Decimal	2832434
CIELab	22.20, -6.90, 1.98
CIELCh	22, 7.178, 164.008
Yxy	3.5724, 0.2954, 0.3534
Android (android.graphics.Color)	4281022514 (0xFF2B3832)
YUV	51.4290, -0.7045, -7.3922
Hunter-Lab	18.9003, -4.8735, 2.0948

Details

The HunterLab color **18.9003, -4.8735, 2.0948** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.7043, 3.3514, 0.0377**, and the grayscale version is **18.3429, -0.9787, 0.9966**.

A 20% lighter version of the original color is **35.5934, -6.7154, 3.3810**, and **5.4261, -4.2203, 2.3283** is the 20% darker color. If you saturate the color by 10%, you get **18.5414, -6.3278, 2.5735**, and if you desaturate by 10%, it is **19.2997, -3.3016, 1.6404**.

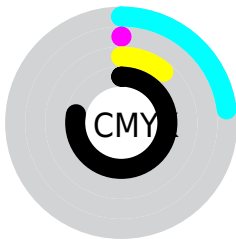
Distribution



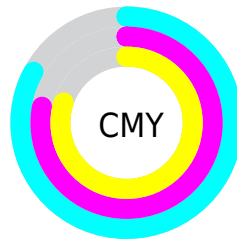
- Red (17%)
- Green (22%)
- Blue (20%)



- Red (17%)
- Yellow (20%)
- Blue (22%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (78%)



- Cyan (83%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9003, -4.8735, 2.0948 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 18.9003, -4.8735, 2.0948 by changing the saturation by 10% instead.

■ 18.9003, -4.8735,
2.0948

■ 18.9003, -4.8735,
2.0948

■ 116.1892,
-13.4980, 8.3196

■ 11.9889, -3.9109,
1.5589

■ 35.5421, -6.7381,
3.2645

■ 4.9397, -6.3505,
1.9282

■ 45.0846, -7.6684,
3.8978

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3550, -8.6064,
4.5624

0.0000, NaN, NaN

■ 66.3050, -9.5557,
5.2573

0.0000, NaN, NaN

■ 77.8946, -10.5183,
5.9814

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0904, -11.4956,

102.8636,
-12.4887, 7.5134

18.9003, -4.8735,
2.0948

18.9003, -4.8735,
2.0948

18.5414, -6.3278,
2.5735

19.2997, -3.3016,
1.6404

18.2223, -7.6534,
3.0723

19.7377, -1.6221,
1.2122

17.9434, -8.8421,
3.5875

20.2137, 0.1535,
0.8125

17.7044, -9.8873,
4.1143

20.7265, 2.0138,
0.4427

17.5045, -10.7852,
4.6478

21.2747, 3.9480,
0.1036

■ 17.3421, -11.5357,
5.1823

■ 21.8570, 5.9459,
-0.2046

■ 17.1952, -12.2239,
5.6929

■ 22.4719, 7.9979,
-0.4819

■ 17.0967, -12.6868,
6.0178

■ 23.1178, 10.0956,
-0.7290

■ 23.7933, 12.2314,
-0.9465

Harmonies

Analogous

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



18.9007, -3.8354, 3.6787



18.9003, -4.8735, 2.0948



18.9007, -4.9083, 0.0376

Triad

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



18.9007, -4.8738, 2.0951



18.9007, 0.0163, -3.2650



18.9007, 2.1019, 3.5956

Complementary

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



18.9003, -4.8735, 2.0948



16.7043, 3.3514, 0.0377

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.



18.9007, 3.2334, 1.9691



18.9003, -4.8735, 2.0948



18.9007, 1.9928, -2.0708

Square

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



18.9007, -4.8738, 2.0951



18.9007, -2.1509, -3.2213



18.9007, 3.1926, -0.1034



18.9007, 0.1596, 4.4756

Rectangle

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



18.9003, -4.8735, 2.0948



18.9007, -4.3613, -1.3409



18.9007, 3.1926, -0.1034



18.9007, 2.5935, 3.1266

Sweetspot

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



18.9007, -4.8738, 2.0951



25.7099, -3.0640, 1.8228



19.1247, -4.3462, 4.6229



13.7676, -1.6361, 0.9749



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.9007, -4.8738, 2.0951



24.5541, -7.6165, 3.1426



18.9362, -3.8840, -0.1146



10.5862, -1.3538, 0.7749



28.0090, -21.1451, 10.6374



72.2008, -55.4358, 29.4252

Inverse Universe

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



16.7043, 3.3514, 0.0377



20.9261, 5.9960, -0.2421



16.6574, 2.4269, 2.1716



10.1508, 0.2728, 0.3649



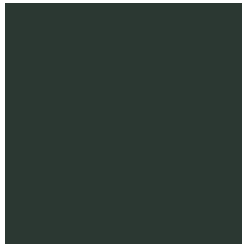
15.6041, 27.8109, 1.6454



40.0632, 70.9657, 7.6233

Previews

White Background



This preview shows how the HunterLab color 18.9003, -4.8735, 2.0948 looks on a white background.

Color Contrast Check

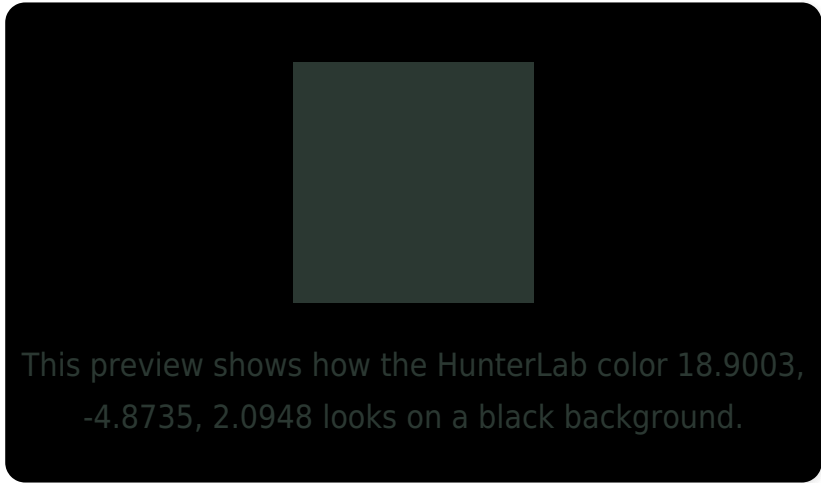
Large Text (above 18pt) WCAG AA ✓ Pass

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

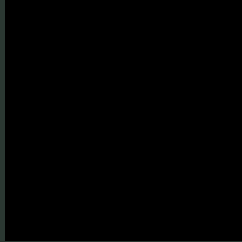
Any Text WCAG AA × Fail

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 18.9003, -4.8735, 2.0948 Background



This preview shows how black text looks on a background with the HunterLab color 18.9003, -4.8735, 2.0948.



This preview shows how white text looks on a background with the HunterLab color 18.9003, -4.8735,

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

18.9003, -4.8735, 2.0948

Protanopia

18.8993, -1.1300, 2.8534

Deuteranopia

18.8055, 1.1188, 1.7330



Tritanopia

18.9896, -2.7968, -1.2665

Trichromacy



Original Color

18.9003, -4.8735, 2.0948

Protanomaly

18.8783, -2.4132, 2.4646

Deuteranomaly

18.8205, -1.2691, 1.7083

Tritanomaly

18.8504, -3.4562, -0.2127

Monochromacy



Original Color

18.9003, -4.8735, 2.0948

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.4759, -2.4839, 1.2907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9003, -4.8735, 2.0948 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(43, 56, 50)` looks like.

```
.text, #text, p{  
    color:rgb(43, 56, 50)  
}
```

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(43, 56, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 56, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9003, -4.8735, 2.0948 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(43, 56, 50) }
```


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

```
.border{ border-color:rgb(43, 56, 50) }
```

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

Here you see how a box with a 4 pixel rgb(43, 56, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 56, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 56, 50);  
box-shadow:4px 4px 4px 4px rgb(43, 56, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9003, -4.8735, 2.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 56, 50) }
```

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

```
.background{ background-color: rgb(43, 56,  
50) }
```

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