

Converting Colors

HunterLab(18.4843, -4.6802,
0.9524)

Have a look what the booklet for
HunterLab(18.4843, -4.6802, 0.9524)
contains.

HunterLab(18.5241, -4.8474, 0.9312)	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(18.5241, -4.8474,
0.9312)**

Conversions

Conversions Part 1

Format	Color
Hex	283734
RGB	40, 55, 52
RGB Percent	16%, 22%, 20%
CMY	0.8431, 0.7843, 0.7961
CMYK	0.27, 0.00, 0.05, 0.78
HSL	168°, 16%, 19%
HSV	168°, 27%, 22%
XYZ	2.8611, 3.4314, 3.7603
YIQ	50.1730, -7.9770, -4.1130

Conversions

Conversions Part 2

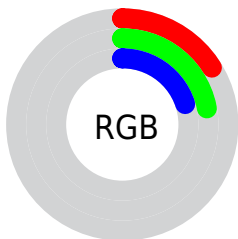
Format	Color
RYB	40, 48, 55
Decimal	2635572
CIELab	21.70, -6.94, -0.14
CIELCh	22, 6.943, 181.147
Yxy	3.4316, 0.2846, 0.3413
Android (android.graphics.Color)	4280825652 (0xFF283734)
YUV	50.1730, 0.9007, -8.9217
Hunter-Lab	18.5241, -4.8474, 0.9312

Details

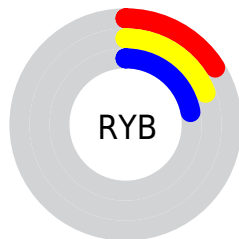
The HunterLab color **18.5241, -4.8474, 0.9312** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.8251, 3.5563, 1.2502**, and the grayscale version is **17.9167, -0.9560, 0.9734**.

A 20% lighter version of the original color is **35.0940, -6.9790, 1.9804**, and **5.2545, -3.6123, 1.2304** is the 20% darker color. If you saturate the color by 10%, you get **18.2189, -6.0382, 0.9659**, and if you desaturate by 10%, it is **18.8674, -3.5426, 0.9415**.

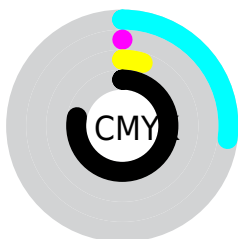
Distribution



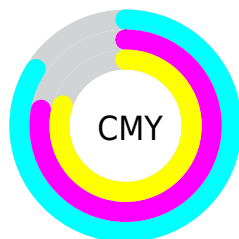
- Red (16%)
- Green (22%)
- Blue (20%)



- Red (16%)
- Yellow (19%)
- Blue (22%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5241, -4.8474, 0.9312 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 18.5241, -4.8474, 0.9312 by changing the saturation by 10% instead.

■ 18.5241, -4.8474,
0.9312

■ 18.5241, -4.8474,
0.9312

■ 115.4984,
-13.4893, 6.1456

■ 11.6661, -3.8788,
0.5691

■ 35.0772, -6.7189,
1.8143

■ 4.3324, -7.2129,
0.1029

■ 44.5812, -7.6515,
2.3238

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8159, -8.5915,
2.8735

0.0000, NaN, NaN

■ 65.7322, -9.5423,
3.4609

0.0000, NaN, NaN

■ 77.2902, -10.5063,
4.0835

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4559, -11.4848,

102.2004,
-12.4790, 5.4274

18.5241, -4.8474,
0.9312

18.5241, -4.8474,
0.9312

18.2189, -6.0382,
0.9659

18.8674, -3.5426,
0.9415

17.9507, -7.1072,
1.0444

19.2472, -2.1312,
0.9955

17.7196, -8.0493,
1.1661

19.6634, -0.6224,
1.0927

17.5248, -8.8616,
1.3293

20.1150, 0.9744,
1.2315

17.3653, -9.5433,
1.5312

20.6010, 2.6497,
1.4103

■ 17.2343, -10.1163,
1.7628

■ 21.1203, 4.3943,
1.6269

■ 17.1064, -10.6812,
1.9927

■ 21.6716, 6.1995,
1.8793

■ 17.0714, -10.8362,
2.0545

■ 22.2535, 8.0571,
2.1650

■ 22.8648, 9.9596,
2.4819

Harmonies

Analogous

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



18.5245, -4.3876, 2.7640



18.5241, -4.8474, 0.9312



18.5245, -4.3128, -1.0854

Triad

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



18.5245, -4.8477, 0.9315



18.5245, 1.1408, -2.5806



18.5245, 0.9951, 4.0607

Complementary

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



18.5241, -4.8474, 0.9312



15.8251, 3.5563, 1.2502

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.



18.5245, 2.5862, 2.8831



18.5241, -4.8474, 0.9312



18.5245, 2.6729, -0.9380

Square

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



18.5245, -4.8477, 0.9315



18.5245, -0.9087, -3.2471



18.5245, 3.2130, 1.0849



18.5245, -1.0700, 4.4453

Rectangle

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



18.5241, -4.8474, 0.9312



18.5245, -3.4496, -2.2313



18.5245, 3.2130, 1.0849



18.5245, 1.6063, 3.7515

Sweetspot

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



18.5245, -4.8477, 0.9315



24.8000, -2.9627, 1.2751



18.4519, -5.6291, 4.8207



12.9387, -1.6081, 0.6632



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.5245, -4.8477, 0.9315



23.6294, -7.4045, 1.2300



17.5298, -2.8001, -1.4726



10.6023, -1.2645, 0.5452



28.4719, -18.3105, 3.9397



73.4382, -47.8452, 11.4927

Inverse Universe

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



15.8251, 3.5563, 1.2502



19.2572, 6.2566, 1.7713



16.6901, 1.4730, 3.1785



10.1345, 0.1849, 0.5969



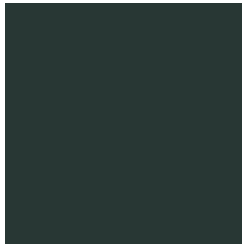
15.1984, 26.3229, 7.5320



39.0993, 67.4213, 21.6788

Previews

White Background



This preview shows how the HunterLab color 18.5241, -4.8474, 0.9312 looks on a white background.

Color Contrast Check

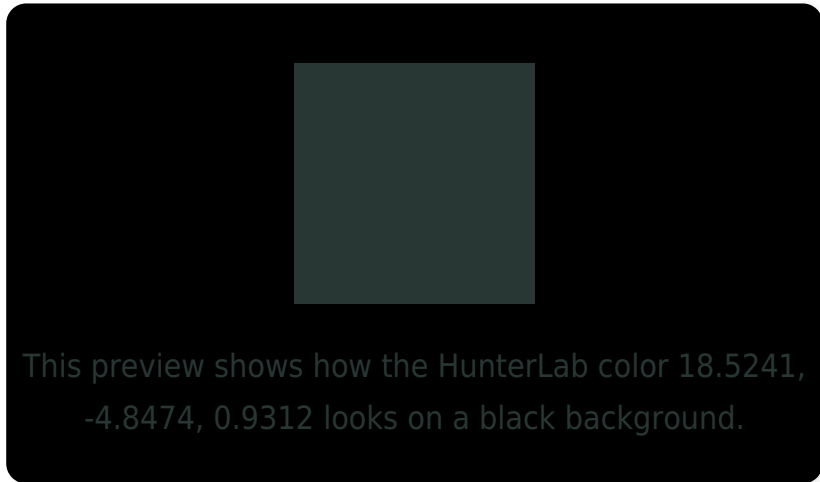
Large Text (above 18pt) WCAG AA ✓ Pass

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

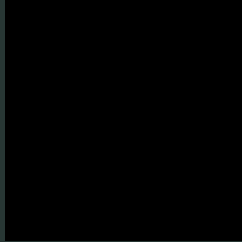
Any Text WCAG AA × Fail

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 18.5241, -4.8474, 0.9312 Background



This preview shows how black text looks on a background with the HunterLab color 18.5241, -4.8474, 0.9312.



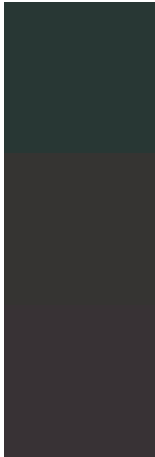
This preview shows how white text looks on a background with the HunterLab color 18.5241, -4.8474,

0.9312.

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

18.5241, -4.8474, 0.9312

Protanopia

18.5557, -0.9979, 1.7745

Deuteranopia

18.3821, 0.9842, 0.4804



Tritanopia

18.4804, -3.3896, -1.5145

Trichromacy



Original Color

18.5241, -4.8474, 0.9312

Protanomaly

18.4759, -2.4839, 1.2907

Deuteranomaly

18.4150, -1.3440, 0.4794

Tritanomaly

18.4263, -3.6935, -0.7491

Monochromacy



Original Color

18.5241, -4.8474, 0.9312

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.0993, -2.5579, 0.8482

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5241, -4.8474, 0.9312 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, 55, 52)` looks like.

```
.text, #text, p{  
    color:rgb(40, 55, 52)  
}
```

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, 55, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 55, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5241, -4.8474, 0.9312 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, 55, 52) }
```


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

```
.border{ border-color:rgb(40, 55, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 55, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 55, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 55, 52);  
box-shadow:4px 4px 4px 4px rgb(40, 55, 52)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5241, -4.8474, 0.9312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 55, 52) }
```

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

```
.background{ background-color: rgb(40, 55,  
52) }
```

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