

Converting Colors

HunterLab(17.9724, -0.9495,
-4.3523)

Have a look what the booklet for
HunterLab(17.9724, -0.9495,
-4.3523) contains.

HunterLab(18.0003, -0.9847, -4.4151)	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(18.0003, -0.9847,
-4.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	2B333F
RGB	43, 51, 63
RGB Percent	17%, 20%, 25%
CMY	0.8314, 0.8000, 0.7529
CMYK	0.32, 0.19, 0.00, 0.75
HSL	216°, 19%, 21%
HSV	216°, 32%, 25%
XYZ	3.0773, 3.2401, 5.1658
YIQ	49.9760, -8.6200, 2.0360

Conversions

Conversions Part 2

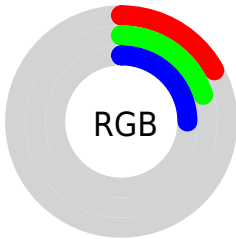
Format	Color
R_{YB}	43, 49, 63
Decimal	2831167
CIE _{Lab}	20.98, -0.04, -8.64
CIE _{LCh}	21, 8.642, 269.729
Yxy	3.2402, 0.2680, 0.2822
Android (android.graphics.Color)	4281021247 (0xFF2B333F)
YUV	49.9760, 6.4208, -6.1180
Hunter-Lab	18.0003, -0.9847, -4.4151

Details

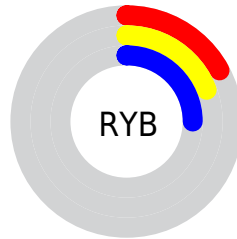
The HunterLab color **18.0003, -0.9847, -4.4151** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.9087, -0.3021, 5.4557**, and the grayscale version is **17.8330, -0.9515, 0.9689**.

A 20% lighter version of the original color is **34.3816, -1.6893, -4.7780**, and **3.7547, 1.9284, -8.8558** is the 20% darker color. If you saturate the color by 10%, you get **16.7256, -0.7230, -6.3767**, and if you desaturate by 10%, it is **19.3157, -1.1423, -2.5526**.

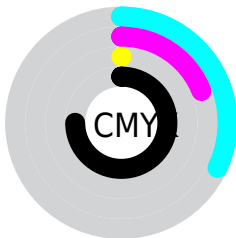
Distribution



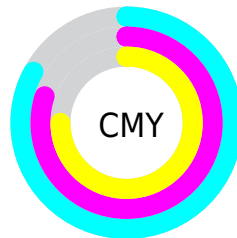
- Red (17%)
- Green (20%)
- Blue (25%)



- Red (17%)
- Yellow (19%)
- Blue (25%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (75%)



- Cyan (83%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0003, -0.9847, -4.4151 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 18.0003, -0.9847, -4.4151 by changing the saturation by 10% instead.

■ 18.0003, -0.9847,
-4.4151

■ 18.0003, -0.9847,
-4.4151

■ 114.5311, -6.1608,
-2.8718

■ 11.2179, -0.6192,
-4.2217

■ 34.4281, -1.8680,
-4.5224

■ 3.2962, -0.2301,
-10.6886

■ 43.8778, -2.3752,
-4.4586

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0620, -2.9214,
-4.3282

0.0000, NaN, NaN

■ 64.9311, -3.5041,
-4.1380

0.0000, NaN, NaN

■ 76.4444, -4.1210,
-3.8932

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5677, -4.7705,

-3.5982

0.0000, NaN, NaN

101.2718, -5.4508,
-3.2567

18.0003, -0.9847,
-4.4151

18.0003, -0.9847,
-4.4151

16.7256, -0.7230,
-6.3767

19.3157, -1.1423,
-2.5526

15.4951, -0.3398,
-8.4520

20.6668, -1.2095,
-0.7776

14.3149, 0.1838,
-10.6536

22.0505, -1.1987,
0.9218

13.1915, 0.8689,
-12.9926

23.4640, -1.1201,
2.5559

12.1326, 1.7369,
-15.4746

24.9050, -0.9822,
4.1338

■ 11.1279, 2.7465,
-18.1510

■ 26.3712, -0.7923,
5.6631

■ 10.3091, 3.5879,
-20.6307

■ 27.8610, -0.5564,
7.1506

■ 29.3728, -0.2798,
8.6021

■ 30.9052, 0.0332,
10.0225

Harmonies

Analogous

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



18.0007, -3.3976, -3.5975



18.0003, -0.9847, -4.4151



18.0007, 1.5687, -3.6254

Triad

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



18.0007, -0.9849, -4.4148



18.0007, 3.5583, 3.1691



18.0007, -5.0537, 3.2027

Complementary

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



18.0003, -0.9847, -4.4151



19.9087, -0.3021, 5.4557

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.



18.0007, -3.3591, 4.6191



18.0003, -0.9847, -4.4151



18.0007, 1.6116, 4.6017

Square

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



18.0007, -0.9849, -4.4148



18.0007, 4.2800, 0.9575



18.0007, -0.9379, 5.0935



18.0007, -5.6642, 1.0022

Rectangle

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



18.0003, -0.9847, -4.4151



18.0007, 2.9875, -2.3500



18.0007, -0.9379, 5.0935



18.0007, -4.5968, 3.7744

Sweetspot

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



18.0007, -0.9849, -4.4148



27.0246, -1.5716, -0.7138



20.8358, -6.8598, 2.5523



13.8184, -0.8056, -0.4219



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.0007, -0.9849, -4.4148



22.0248, -1.0208, -7.7210



16.2391, 2.6750, -7.1164



10.9749, -0.6306, -0.1031



14.7791, 7.0005, -33.5847



35.1684, 23.2979, -94.2510

Inverse Universe

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



17.3885, 5.6157, 0.1335



21.1352, 9.5334, -0.0002



21.7536, -3.9448, 7.1059



10.8699, 0.2960, 0.4459



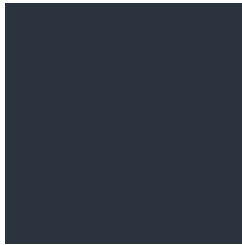
15.9264, 28.1427, 3.5610



40.2777, 70.7568, 12.2279

Previews

White Background



This preview shows how the HunterLab color 18.0003, -0.9847, -4.4151 looks on a white background.

Color Contrast Check

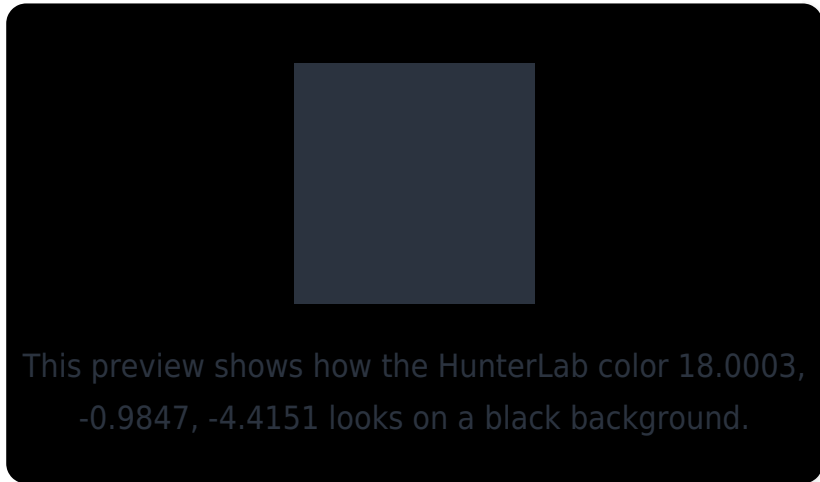
Large Text (above 18pt) WCAG AA ✓ Pass

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

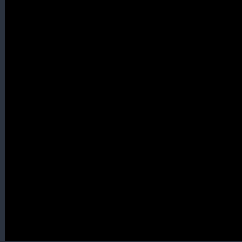
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

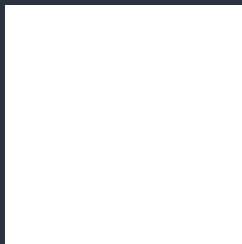
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.0003, -0.9847, -4.4151 Background



This preview shows how black text looks on a background with the HunterLab color 18.0003, -0.9847, -4.4151.



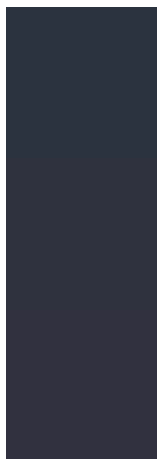
This preview shows how white text looks on a background with the HunterLab color 18.0003, -0.9847, -4.4151.

-4.4151.

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

18.0003, -0.9847, -4.4151

Protanopia

17.9815, 0.1236, -3.9448

Deuteranopia

17.9122, 1.1617, -4.5081



Tritanopia

17.9826, -2.7168, -1.3024

Trichromacy



Original Color

18.0003, -0.9847, -4.4151

Protanomaly

17.9160, -0.1005, -4.0440

Deuteranomaly

18.0123, 0.2902, -4.3752

Tritanomaly

18.0665, -2.2501, -2.4857

Monochromacy



Original Color

18.0003, -0.9847, -4.4151

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.7803, -0.9729, -1.1136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0003, -0.9847, -4.4151 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, 51, 63)` looks like.

```
.text, #text, p{  
    color:rgb(43, 51, 63)  
}
```

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, 51, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 51, 63) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0003, -0.9847, -4.4151 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, 51, 63) }
```


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

```
.border{ border-color:rgb(43, 51, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 51, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 51, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 51, 63);  
box-shadow:4px 4px 4px 4px rgb(43, 51, 63)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0003, -0.9847, -4.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 51, 63) }
```

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

```
.background{ background-color: rgb(43, 51,  
63) }
```

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