

Converting Colors

HunterLab(16.9065, -3.4553,
2.6749)

Have a look what the booklet for
HunterLab(16.9065, -3.4553, 2.6749)
contains.

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Color

**HunterLab(16.8998, -3.4745,
2.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	2A312A
RGB	42, 49, 42
RGB Percent	16%, 19%, 16%
CMY	0.8353, 0.8078, 0.8353
CMYK	0.14, 0.00, 0.14, 0.81
HSL	120°, 8%, 18%
HSV	120°, 14%, 19%
XYZ	2.4711, 2.8560, 2.6115
YIQ	46.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

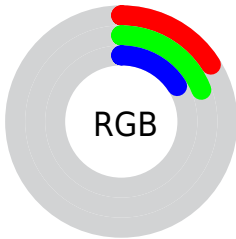
Format	Color
R_YB	42, 49, 49
Decimal	2765098
CIE Lab	19.46, -4.71, 3.46
CIE LCh	19, 5.846, 143.747
Yxy	2.8562, 0.3113, 0.3598
Android (android.graphics.Color)	4280955178 (0xFF2A312A)
YUV	46.1090, -2.0257, -3.6036
Hunter-Lab	16.8998, -3.4745, 2.6678

Details

The HunterLab color **16.8998, -3.4745, 2.6678** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.9082, 1.8847, -0.9946**, and the grayscale version is **16.5723, -0.8843, 0.9004**.

A 20% lighter version of the original color is **33.0133, -5.0938, 4.0598**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.5109, -5.1053, 3.7697**, and if you desaturate by 10%, it is **17.3296, -1.7212, 1.4832**.

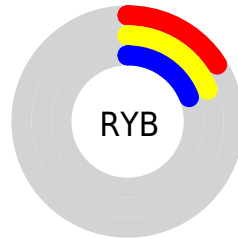
Distribution



Red (16%)

Green (19%)

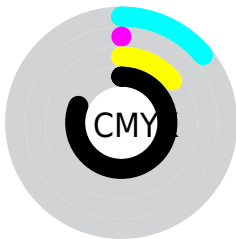
Blue (16%)



Red (16%)

Yellow (19%)

Blue (19%)

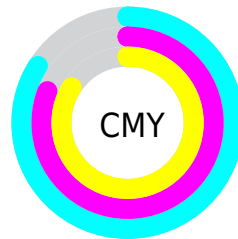


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8998, -3.4745, 2.6678 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 16.8998, -3.4745, 2.6678 by changing the saturation by 10% instead.

■ 16.8998, -3.4745,
2.6678

■ 16.8998, -3.4745,
2.6678

112.4767,
-10.9548, 9.5484

■ 10.2815, -2.7021,
2.0162

■ 33.0570, -5.0187,
4.0313

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.3897, -5.8091,
4.7458

0.0000, NaN, NaN

■ 52.4655, -6.6169,
5.4847

0.0000, NaN, NaN

■ 63.2331, -7.4438,
6.2483

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6507, -8.2908,
7.0368

0.0000, NaN, NaN

■ 86.6831, -9.1582,

0.0000, NaN, NaN

7.8499

99.3004, -10.0462,
8.6873

16.8998, -3.4745,
2.6678

16.8998, -3.4745,
2.6678

16.5109, -5.1053,
3.7697

17.3296, -1.7212,
1.4832

16.1629, -6.5983,
4.7788

17.7979, 0.1414,
0.2250

15.8568, -7.9410,
5.6863

18.3037, 2.0988,
-1.0969

15.5929, -9.1221,
6.4848

18.8453, 4.1374,
-2.4735

15.3708, -10.1333,
7.1684

19.4210, 6.2449,
-3.8963

■ 15.1899, -10.9696,
7.7339

■ 20.0291, 8.4101,
-5.3577

■ 15.0442, -11.6512,
8.1948

■ 20.6679, 10.6231,
-6.8511

■ 14.9028, -12.3206,
8.6475

■ 21.3356, 12.8751,
-8.3705

■ 14.8214, -12.7093,
8.9103

■ 22.0307, 15.1589,
-9.9110

Harmonies

Analogous

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



16.9002, -2.2073, 3.5413



16.8998, -3.4745, 2.6678



16.9002, -4.0504, 1.2573

Triad

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



16.9002, -3.4749, 2.6680



16.9002, -1.2595, -2.4964



16.9002, 2.2155, 2.1324

Complementary

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



16.8998, -3.4745, 2.6678



15.9082, 1.8847, -0.9946

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.



16.9002, 2.4938, 0.5755



16.8998, -3.4745, 2.6678



16.9002, 0.4428, -2.2029

Square

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



16.9002, -3.4749, 2.6680



16.9002, -2.8046, -1.8036



16.9002, 1.8332, -1.0375



16.9002, 1.0873, 3.2542

Rectangle

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



16.8998, -3.4745, 2.6678



16.9002, -3.9812, 0.1591



16.9002, 1.8332, -1.0375



16.9002, 2.4134, 1.6469

Sweetspot

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



16.9002, -3.4749, 2.6680



22.3074, -2.1988, 1.8979



17.3692, -1.7961, 3.1940



12.2336, -1.2454, 1.0677



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.9002, -3.4749, 2.6680



21.5625, -5.2544, 3.9623



16.9774, -3.0409, 1.5605



9.7983, -1.3929, 1.1241



26.8075, -22.9874, 16.1162



70.3541, -60.3286, 42.2956

Inverse Universe

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



15.9082, 1.8847, -0.9946



19.9679, 3.3661, -1.9287



15.8187, 1.4081, 0.2763



9.4671, 0.3954, -0.0981



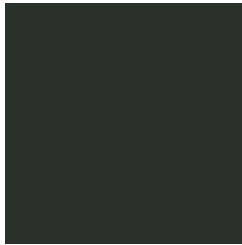
16.9166, 33.2584, -22.3114



44.3960, 87.2839, -58.5541

Previews

White Background



This preview shows how the HunterLab color 16.8998, -3.4745, 2.6678 looks on a white background.

Color Contrast Check

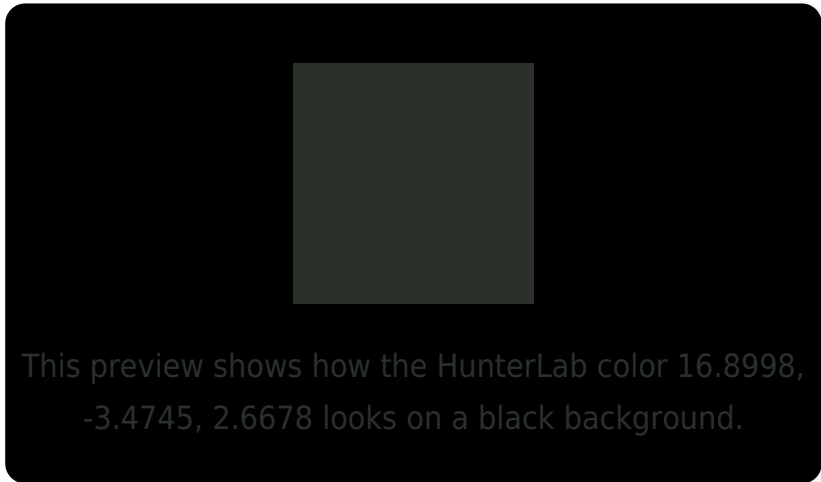
Large Text (above 18pt) WCAG AA ✓ Pass

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

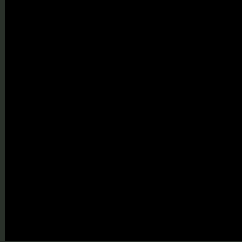
Any Text WCAG AA × Fail

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 16.8998, -3.4745, 2.6678 Background



This preview shows how black text looks on a background with the HunterLab color 16.8998, -3.4745, 2.6678.



This preview shows how white text looks on a background with the HunterLab color 16.8998, -3.4745,

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

16.8998, -3.4745, 2.6678

Protanopia

16.8704, -1.1312, 3.0030

Deuteranopia

16.7573, 0.9546, 2.2560



Tritanopia

16.9953, -1.4553, -0.4793

Trichromacy



Original Color

16.8998, -3.4745, 2.6678

Protanomaly

16.8963, -2.2709, 3.0103

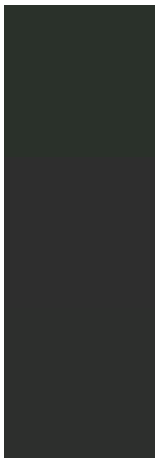
Deuteranomaly

16.6775, -0.5049, 2.1426

Tritanomaly

16.8550, -2.1020, 0.5127

Monochromacy



Original Color

16.8998, -3.4745, 2.6678

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 16.8998, -3.4745, 2.6678 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(42, 49, 42)` looks like.

```
.text, #text, p{  
    color:rgb(42, 49, 42)  
}
```

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(42, 49, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 49, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8998, -3.4745, 2.6678 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(42, 49, 42) }
```


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

```
.border{ border-color:rgb(42, 49, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 49, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 49, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 49, 42);  
box-shadow:4px 4px 4px 4px rgb(42, 49, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8998, -3.4745, 2.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 49, 42) }
```

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

```
.background{ background-color: rgb(42, 49,  
42) }
```

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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