

Converting Colors

HunterLab(18.9574, -5.1827,
1.8880)

Have a look what the booklet for
HunterLab(18.9574, -5.1827, 1.8880)
contains.

HunterLab(18.8669, -4.9505, 1.6967)	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(18.8669, -4.9505,
1.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3833
RGB	42, 56, 51
RGB Percent	16%, 22%, 20%
CMY	0.8353, 0.7804, 0.8000
CMYK	0.25, 0.00, 0.09, 0.78
HSL	159°, 14%, 19%
HSV	159°, 25%, 22%
XYZ	2.9666, 3.5596, 3.6627
YIQ	51.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

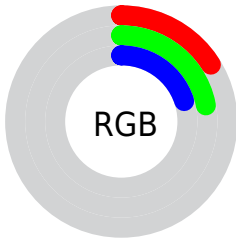
Format	Color
RYB	42, 51, 56
Decimal	2766899
CIELab	22.16, -7.05, 1.23
CIElCh	22, 7.158, 170.113
Yxy	3.5597, 0.2912, 0.3494
Android (android.graphics.Color)	4280956979 (0xFF2A3833)
YUV	51.2440, -0.1203, -8.1070
Hunter-Lab	18.8669, -4.9505, 1.6967

Details

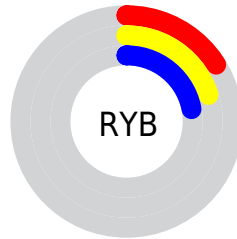
The HunterLab color **18.8669, -4.9505, 1.6967** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.4377, 3.5080, 0.4896**, and the grayscale version is **18.2790, -0.9753, 0.9931**.

A 20% lighter version of the original color is **35.5503, -6.8188, 2.9253**, and **5.4663, -3.9717, 1.7414** is the 20% darker color. If you saturate the color by 10%, you get **18.5271, -6.3107, 2.0069**, and if you desaturate by 10%, it is **19.2464, -3.4740, 1.4226**.

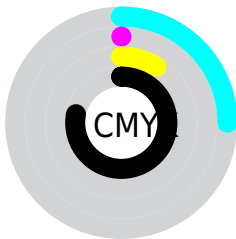
Distribution



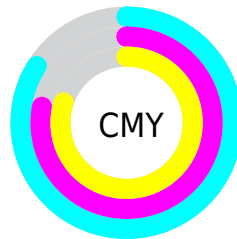
- Red (16%)
- Green (22%)
- Blue (20%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (9%)
- Black (78%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8669, -4.9505, 1.6967 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 18.8669, -4.9505, 1.6967 by changing the saturation by 10% instead.

■ 18.8669, -4.9505,
1.6967

■ 18.8669, -4.9505,
1.6967

■ 116.1280,
-13.6517, 7.5652

■ 11.9603, -3.9740,
1.2227

■ 35.5009, -6.8373,
2.7649

■ 4.8890, -6.5462,
1.3082

■ 45.0400, -7.7770,
3.3545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3072, -8.7238,
3.9786

0.0000, NaN, NaN

■ 66.2542, -9.6811,
4.6356

0.0000, NaN, NaN

■ 77.8410, -10.6514,
5.3240

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0342, -11.6359,

102.8048,
-12.6358, 6.7899

18.8669, -4.9505,
1.6967

18.8669, -4.9505,
1.6967

18.5271, -6.3107,
2.0069

19.2464, -3.4740,
1.4226

18.2261, -7.5449,
2.3504

19.6638, -1.8901,
1.1851

17.9643, -8.6461,
2.7245

20.1187, -0.2096,
0.9854

17.7411, -9.6091,
3.1259

20.6100, 1.5569,
0.8234

17.5554, -10.4315,
3.5502

21.1366, 3.3992,
0.6989

■ 17.4045, -11.1194,
3.9914

■ 21.6970, 5.3073,
0.6111

■ 17.2630, -11.7720,
4.4204

■ 22.2899, 7.2720,
0.5588

■ 17.1926, -12.0979,
4.6266

■ 22.9139, 9.2850,
0.5407

■ 23.5674, 11.3386,
0.5552

Harmonies

Analogous

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



18.8673, -4.1085, 3.4027



18.8669, -4.9505, 1.6967



18.8673, -4.7738, -0.3918

Triad

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



18.8673, -4.9508, 1.6970



18.8673, 0.4510, -3.1005



18.8673, 1.7478, 3.8299

Complementary

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



18.8669, -4.9505, 1.6967



16.4377, 3.5080, 0.4896

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.



18.8673, 3.0791, 2.3435



18.8669, -4.9505, 1.6967



18.8673, 2.3072, -1.7044

Square

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



18.8673, -4.9508, 1.6970



18.8673, -1.7200, -3.3242



18.8673, 3.2884, 0.3315



18.8673, -0.2847, 4.5387

Rectangle

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



18.8669, -4.9505, 1.6967



18.8673, -4.0987, -1.7181



18.8673, 3.2884, 0.3315



18.8673, 2.2960, 3.4130

Sweetspot

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



18.8673, -4.9508, 1.6970



25.6648, -3.2102, 1.6593



18.9820, -4.9076, 4.7687



13.7203, -1.8022, 0.9006



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.



18.8673, -4.9508, 1.6970



24.5120, -7.6964, 2.4925



18.5166, -3.5407, -0.6325



10.5926, -1.3184, 0.6838



28.1701, -20.1528, 8.2938



72.6236, -52.8257, 23.2623

Inverse Universe

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



16.4377, 3.5080, 0.4896



20.5229, 6.2261, 0.5290



16.7315, 2.1345, 2.5849



10.1442, 0.2375, 0.4581



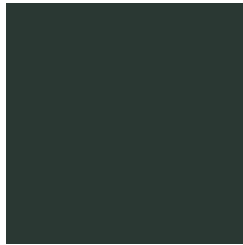
15.4067, 27.0894, 4.4900



39.5745, 69.1745, 14.7051

Previews

White Background



This preview shows how the HunterLab color 18.8669, -4.9505, 1.6967 looks on a white background.

Color Contrast Check

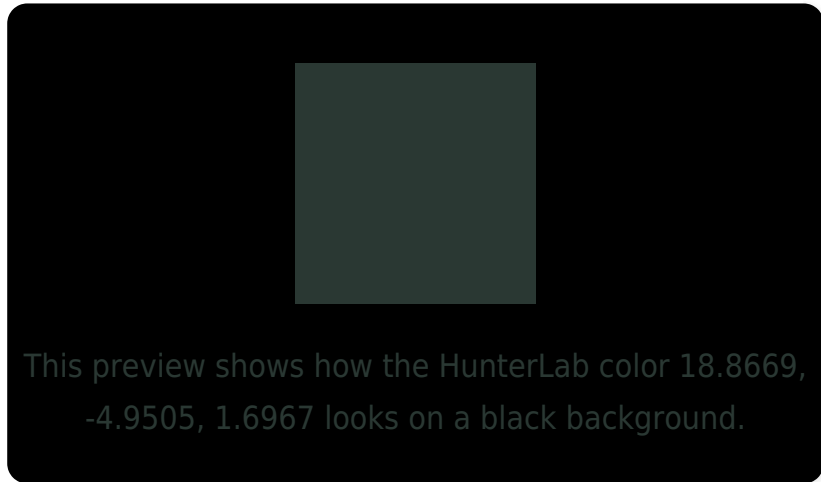
Large Text (above 18pt) WCAG AA ✓ Pass

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

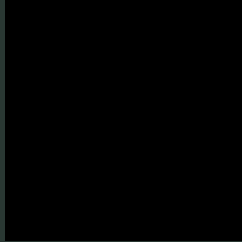
Any Text WCAG AA × Fail

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 18.8669, -4.9505, 1.6967 Background



This preview shows how black text looks on a background with the HunterLab color 18.8669, -4.9505, 1.6967.



This preview shows how white text looks on a background with the HunterLab color 18.8669, -4.9505,

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

18.8669, -4.9505, 1.6967

Protanopia

18.9214, -1.0090, 2.5365

Deuteranopia

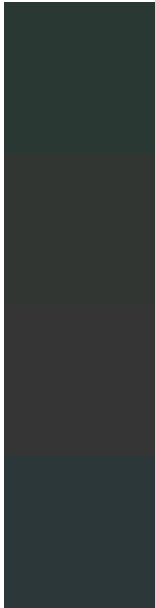
18.7487, 0.9747, 1.2960



Tritanopia

18.9304, -3.0083, -1.3470

Trichromacy



Original Color

18.8669, -4.9505, 1.6967

Protanomaly

18.8328, -2.5298, 2.0602

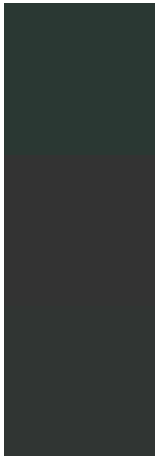
Deuteranomaly

18.7729, -1.3881, 1.2828

Tritanomaly

18.7923, -3.6663, -0.2886

Monochromacy



Original Color

18.8669, -4.9505, 1.6967

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 18.8669, -4.9505, 1.6967 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, 56, 51)` looks like.

```
.text, #text, p{  
    color:rgb(42, 56, 51)  
}
```

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, 56, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 56, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8669, -4.9505, 1.6967 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, 56, 51) }
```


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

```
.border{ border-color:rgb(42, 56, 51) }
```

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

Here you see how a box with a 4 pixel rgb(42, 56, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 56, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 56, 51);  
box-shadow:4px 4px 4px 4px rgb(42, 56, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8669, -4.9505, 1.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 56, 51) }
```

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

```
.background{ background-color: rgb(42, 56,  
51) }
```

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