

# Converting Colors

HunterLab(16.8424, 18.2069,  
3.3721)

Have a look what the booklet for  
HunterLab(16.8424, 18.2069,  
3.3721) contains.

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# Color

**HunterLab(16.8231, 18.4754,  
3.2964)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	551A29
RGB	85, 26, 41
RGB Percent	33%, 10%, 16%
CMY	0.6667, 0.8980, 0.8392
CMYK	0.00, 0.69, 0.52, 0.67
HSL	345°, 53%, 22%
HSV	345°, 69%, 33%
XYZ	4.5159, 2.8302, 2.4061
YIQ	45.3510, 30.3490, 17.1730

# Conversions

## Conversions Part 2

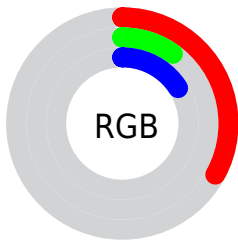
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 26, 41
Decimal	5577257
CIELab	19.35, 28.72, 4.83
CIElCh	19, 29.123, 9.539
Yxy	2.8303, 0.4631, 0.2902
Android (android.graphics.Color)	4283767337 (0xFF551A29)
YUV	45.3510, -2.1450, 34.7722
Hunter-Lab	16.8231, 18.4754, 3.2964

# Details

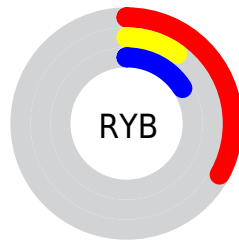
The HunterLab color **16.8231, 18.4754, 3.2964** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **26.7560, -14.9327, 3.3844**, and the grayscale version is **16.3151, -0.8705, 0.8864**.

A 20% lighter version of the original color is **32.9245, 21.2295, 4.8053**, and **6.5843, 11.3090, 3.9966** is the 20% darker color. If you saturate the color by 10%, you get **15.7077, 20.8419, 4.1411**, and if you desaturate by 10%, it is **18.1998, 15.7455, 2.6118**.

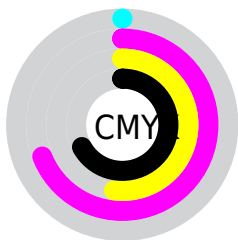
# Distribution



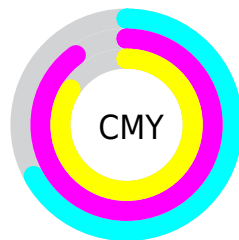
- Red (33%)
- Green (10%)
- Blue (16%)



- Red (33%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (69%)
- Yellow (52%)
- Black (67%)



- Cyan (67%)
- Magenta (90%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.8231, 18.4754, 3.2964 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 16.8231, 18.4754, 3.2964 by changing the saturation by 10% instead.



■ 16.8231, 18.4754,  
3.2964

■ 16.8231, 18.4754,  
3.2964

■ 112.3325, 26.0358,  
10.8650

■ 10.2167, 17.0287,  
2.5684

■ 32.9612, 20.9635,  
4.8619

0.0000, INF, NaN

0.0000, NaN, NaN

■ 42.2856, 21.9988,  
5.6614

0.0000, NaN, NaN

■ 52.3537, 22.9119,  
6.4782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.1142, 23.7157,  
7.3142

0.0000, NaN, NaN


■ 74.5250, 24.4214,  
8.1705


0.0000, NaN, NaN


■ 86.5509, 25.0382,


0.0000, NaN, NaN


9.0477


 99.1621, 25.5742,  
9.9458


 16.8231, 18.4754,  
3.2964


 16.8231, 18.4754,  
3.2964


 15.7077, 20.8419,  
4.1411


 18.1998, 15.7455,  
2.6118


 14.8732, 22.6676,  
5.1013

 19.8056, 12.8242,  
2.0989

 14.1424, 24.4297,  
5.9637

 21.6093, 9.8321,  
1.7514

 14.0986, 24.5444,  
6.0081

 23.5816, 6.8456,  
1.5523

 25.6977, 3.9060,  
1.4814

■ 27.9366, 1.0318,  
1.5189

■ 30.2815, -1.7724,  
1.6474

■ 32.7185, -4.5091,  
1.8522

■ 35.2365, -7.1844,  
2.1211

# Harmonies

## Analogous

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



16.8236, 17.3443, -5.4861



16.8231, 18.4754, 3.2964



16.8236, 13.6743, 8.1176

# Triad

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



16.8236, 18.4741, 3.2968



16.8236, -10.1008, 9.0897



16.8236, -6.2459, -21.1745

# Complementary

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



16.8231, 18.4754, 3.2964



26.7560, -14.9327, 3.3844

# 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.



16.8236, -11.7508, -12.3154



16.8231, 18.4754, 3.2964



16.8236, -13.6500, 5.4996

# Square

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



16.8236, 18.4741, 3.2968



16.8236, -3.5256, 10.6323



16.8236, -14.1871, -1.8738



16.8236, 1.9003, -22.8081



# Rectangle

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



16.8231, 18.4754, 3.2964



16.8236, 8.2280, 9.7411



16.8236, -14.1871, -1.8738



16.8236, -8.4173, -18.7895

# Sweetspot

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



16.8236, 18.4741, 3.2968



32.9078, 5.9694, 1.9421



16.3396, 20.3732, -20.7602



16.4296, 3.3331, 0.9881



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

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



16.8236, 18.4741, 3.2968



19.7783, 28.8130, 6.1884



18.7295, 11.8620, 8.6544



14.5850, 0.4468, 0.7918



17.9225, 31.1402, 8.1135



42.3279, 73.2495, 21.4473



# Inverse Universe

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



16.8236, 18.4741, 3.2968



19.7783, 28.8130, 6.1884



23.2633, -7.4566, -7.6996



14.5850, 0.4468, 0.7918



17.9225, 31.1402, 8.1135

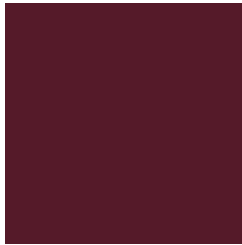


42.3279, 73.2495, 21.4473



# Previews

## White Background



This preview shows how the HunterLab color 16.8231, 18.4754, 3.2964 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

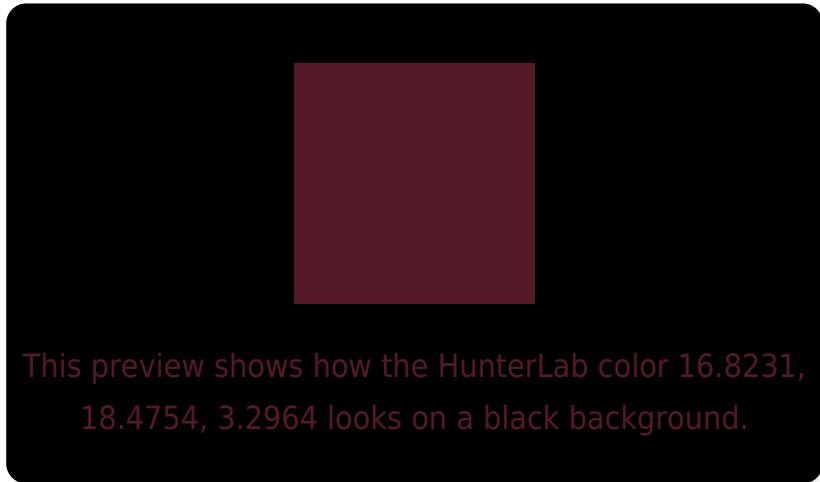
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

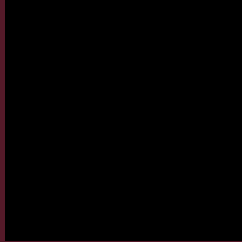
Any Text WCAG AA × Fail

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 16.8231, 18.4754, 3.2964 Background



This preview shows how black text looks on a background with the HunterLab color 16.8231, 18.4754, 3.2964.



This preview shows how white text looks on a background with the HunterLab color 16.8231, 18.4754,



# 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

16.8231, 18.4754, 3.2964

### Protanopia

17.2922, -0.3703, -0.4903

### Deuteranopia

17.1309, 0.8398, 4.2242



## Tritanopia

16.7603, 16.5267, 6.2718

# Trichromacy



## Original Color

16.8231, 18.4754, 3.2964

## Protanomaly

16.5018, 5.9177, 0.2249

## Deuteranomaly

16.7057, 7.1629, 3.6071

## Tritanomaly

16.6859, 17.1937, 5.2053

# Monochromacy



## Original Color

16.8231, 18.4754, 3.2964

## Achromatopsia

16.1991, -0.8643, 0.8801

## Achromatomaly

15.9020, 5.9724, 1.0188

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 16.8231, 18.4754, 3.2964 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(85, 26, 41)` looks like.

```
.text, #text, p{  
    color:rgb(85, 26, 41)  
}
```

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(85, 26, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 26, 41) }
```

## Border

The CSS property to change the border of an element to HunterLab 16.8231, 18.4754, 3.2964 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(85, 26, 41) }
```



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

```
.border{ border-color:rgb(85, 26, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 26, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 26, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 26, 41);  
box-shadow:4px 4px 4px 4px rgb(85, 26, 41)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 16.8231, 18.4754, 3.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 26, 41) }
```

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

```
.background{ background-color: rgb(85, 26,  
41) }
```

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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