

Converting Colors

HunterLab(16.3828, 30.7738,
7.4001)

Have a look what the booklet for
HunterLab(16.3828, 30.7738,
7.4001) contains.

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Color

**HunterLab(16.8431, 29.2610,
7.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	650019
RGB	101, 0, 25
RGB Percent	40%, 0%, 10%
CMY	0.6039, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.75, 0.60
HSL	345°, 100%, 20%
HSV	345°, 100%, 40%
XYZ	5.5423, 2.8369, 1.1752
YIQ	33.0490, 52.1710, 29.1870

Conversions

Conversions Part 2

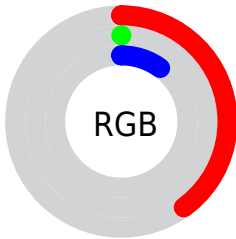
Format	Color
R_{YB}	101, 0, 25
Decimal	6619161
CIE Lab	19.38, 41.39, 16.80
CIE LCh	19, 44.673, 22.090
Yxy	2.8371, 0.5801, 0.2969
Android (android.graphics.Color)	4284809241 (0xFF650019)
YUV	33.0490, -3.9682, 59.5930
Hunter-Lab	16.8431, 29.2610, 7.6534

Details

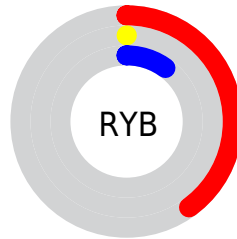
The HunterLab color **16.8431, 29.2610, 7.6534** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **31.3517, -20.9405, 6.0187**, and the grayscale version is **12.3497, -0.6589, 0.6710**.

A 20% lighter version of the original color is **33.0427, 32.7136, 11.1204**, and **8.1077, 13.9388, 4.8200** is the 20% darker color. If you saturate the color by 10%, you get **16.8430, 29.2606, 7.6546**, and if you desaturate by 10%, it is **17.5890, 27.5268, 6.5682**.

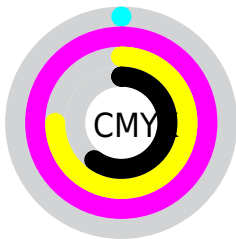
Distribution



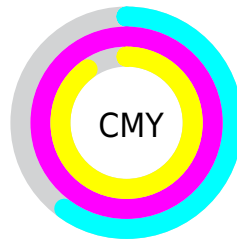
- Red (40%)
- Green (0%)
- Blue (10%)



- Red (40%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (60%)





- Cyan (60%)
- Magenta (100%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 16.8431, 29.2610, 7.6534 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 16.8431, 29.2610, 7.6534 by changing the saturation by 10% instead.

 16.8431, 29.2610,
7.6534

 16.8431, 29.2610,
7.6534


 112.3703, 41.2463,
21.7489

 10.2337, 27.5612,
7.1636


 32.9863, 32.6929,
11.1740

0.0000, INF, NaN

0.0000, NaN, NaN


 42.3129, 34.2479,
12.7864

0.0000, NaN, NaN


 52.3830, 35.6803,
14.3429

0.0000, NaN, NaN

0.0000, NaN, NaN

 63.1454, 36.9958,
15.8614

0.0000, NaN, NaN


 74.5579, 38.2023,
17.3539


0.0000, NaN, NaN


 86.5856, 39.3079,


0.0000, NaN, NaN


18.8287


 99.1984, 40.3203,
20.2922


 16.8431, 29.2610,
7.6534


 16.8431, 29.2610,
7.6534


 16.8430, 29.2606,
7.6546

 17.5890, 27.5268,
6.5682

 18.5175, 25.5000,
5.3715

 19.8059, 22.7345,
4.2953

 21.4283, 19.4681,
3.4034

 23.3465, 15.9251,
2.7209

■ 25.5195, 12.2733,
2.2443

■ 27.9092, 8.6187,
1.9545

■ 30.4827, 5.0195,
1.8267

■ 33.2127, 1.5016,
1.8360

Harmonies

Analogous

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



16.8436, 31.8910, -2.7136



16.8431, 29.2610, 7.6534



16.8436, 17.4751, 11.7905

Triad

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



16.8436, 29.2589, 7.6538



16.8436, -16.4871, 10.3227



16.8436, -4.2185, -44.0611

Complementary

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



16.8431, 29.2610, 7.6534



31.3517, -20.9405, 6.0187

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.



16.8436, -13.7196, -30.9204



16.8431, 29.2610, 7.6534



16.8436, -19.2551, 3.8845

Square

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



16.8436, 29.2589, 7.6538



16.8436, -9.3417, 11.7905



16.8436, -18.4251, -10.7686



16.8436, 9.6232, -39.6395

Rectangle

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



16.8431, 29.2610, 7.6534



16.8436, 7.5403, 11.7905



16.8436, -18.4251, -10.7686



16.8436, -7.9480, -41.3367

Sweetspot

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



16.8436, 29.2589, 7.6538



36.2925, 11.6972, 2.5844



15.7040, 32.8732, -36.2310



17.5261, 6.5132, 1.3294



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



16.8436, 29.2589, 7.6538



22.0342, 38.2120, 10.5343



18.6360, 22.1746, 11.8708



16.9013, 0.5721, 0.9301



19.2709, 33.4469, 9.0032



43.8716, 75.8738, 22.5943

Inverse Universe

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



16.8436, 29.2589, 7.6538



22.0342, 38.2120, 10.5343



24.6464, -7.5239, -14.5625



16.9013, 0.5721, 0.9301



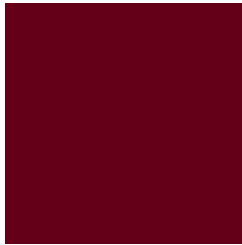
19.2709, 33.4469, 9.0032



43.8716, 75.8738, 22.5943

Previews

White Background



This preview shows how the HunterLab color 16.8431, 29.2610, 7.6534 looks on a white background.

Color Contrast Check

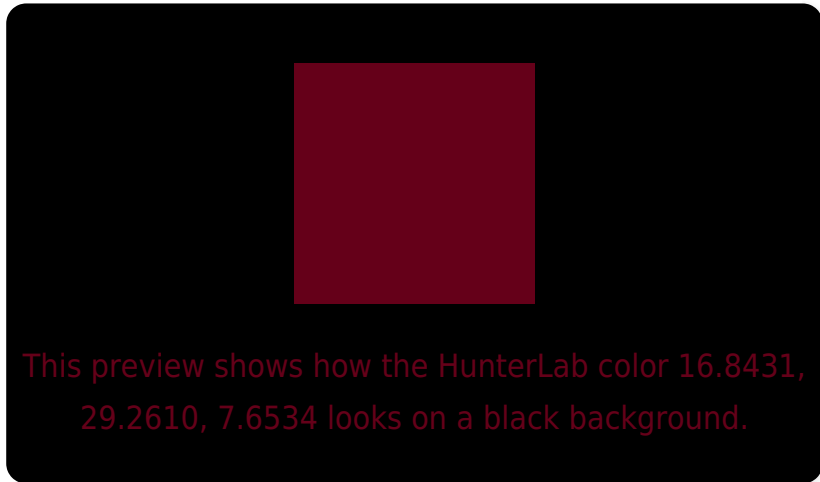
Large Text (above 18pt) WCAG AA ✓ Pass

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

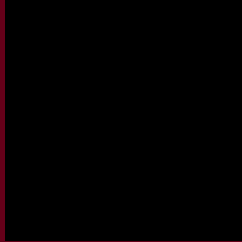
Any Text WCAG AA × Fail

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 16.8431, 29.2610, 7.6534 Background



This preview shows how black text looks on a background with the HunterLab color 16.8431, 29.2610, 7.6534.

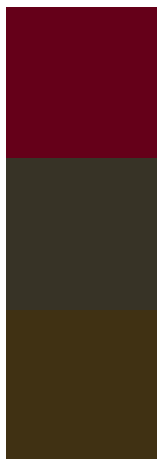


This preview shows how white text looks on a background with the HunterLab color 16.8431, 29.2610,

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

16.8431, 29.2610, 7.6534

Protanopia

18.2204, -1.4254, 5.2353

Deuteranopia

18.2582, 0.6056, 9.2606



Tritanopia

17.3117, 26.4999, 10.5412

Trichromacy



Original Color

16.8431, 29.2610, 7.6534

Protanomaly

15.8762, 11.1576, 4.6048

Deuteranomaly

16.1614, 12.4280, 7.5734

Tritanomaly

17.1056, 27.5068, 9.7021

Monochromacy



Original Color

16.8431, 29.2610, 7.6534

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3677, 10.7930, 1.9215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.8431, 29.2610, 7.6534 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(101, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(101, 0, 25)  
}
```

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(101, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 0, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 16.8431, 29.2610, 7.6534 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(101, 0, 25) }
```


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

```
.border{ border-color:rgb(101, 0, 25) }
```

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

Here you see how a box with a 4 pixel rgb(101, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(101, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.8431, 29.2610, 7.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 0, 25) }
```

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

```
.background{ background-color: rgb(101, 0,  
25) }
```

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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