

Converting Colors

HunterLab(30.9636, -2.6271,
15.0011)

Have a look what the booklet for
HunterLab(30.9636, -2.6271,
15.0011) contains.

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Color

**HunterLab(31.0308, -2.7974,
15.0638)**

Conversions

Conversions Part 1

Format	Color
Hex	635729
RGB	99, 87, 41
RGB Percent	39%, 34%, 16%
CMY	0.6118, 0.6588, 0.8392
CMYK	0.00, 0.12, 0.59, 0.61
HSL	48°, 41%, 27%
HSV	48°, 59%, 39%
XYZ	8.9540, 9.6291, 3.4845
YIQ	85.3440, 21.9180, -11.7620

Conversions

Conversions Part 2

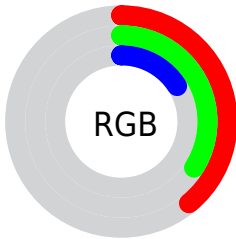
Format	Color
R_{YB}	56, 99, 41
Decimal	6510377
CIE _{Lab}	37.17, -1.67, 28.17
CIE _{LCh}	37, 28.222, 93.388
Yxy	9.6296, 0.4057, 0.4363
Android (android.graphics.Color)	4284700457 (0xFF635729)
YUV	85.3440, -21.8616, 11.9763
Hunter-Lab	31.0308, -2.7974, 15.0638

Details

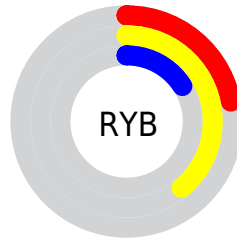
The HunterLab color **31.0308, -2.7974, 15.0638** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **19.7948, 5.3937, -23.0648**, and the grayscale version is **30.3379, -1.6188, 1.6483**.

A 20% lighter version of the original color is **50.1749, -4.3116, 19.9323**, and **15.3614, -1.3974, 9.4412** is the 20% darker color. If you saturate the color by 10%, you get **30.4006, -2.4756, 16.1475**, and if you desaturate by 10%, it is **31.6922, -2.9823, 13.6384**.

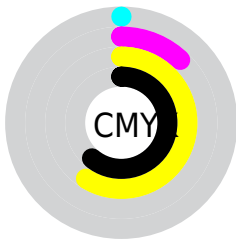
Distribution



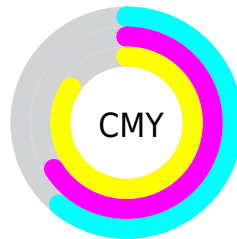
- Red (39%)
- Green (34%)
- Blue (16%)



- Red (22%)
- Yellow (39%)
- Blue (16%)



- Cyan (0%)
- Magenta (12%)
- Yellow (59%)
- Black (61%)



- Cyan (61%)
- Magenta (66%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0308, -2.7974, 15.0638 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 31.0308, -2.7974, 15.0638 by changing the saturation by 10% instead.

■ 31.0308, -2.7974,
15.0638

■ 31.0308, -2.7974,
15.0638

■ 137.1158, -9.2047,
34.4438

■ 22.7025, -2.2391,
12.3736

■ 50.0963, -4.0170,
19.9151

■ 15.2903, -1.7140,
10.3156

■ 60.7095, -4.6735,
22.1633

■ 8.9088, -1.2916,
6.2362

■ 71.9816, -5.3599,
24.3301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.8761, -6.0751,
26.4337

0.0000, NaN, NaN

■ 96.3619, -6.8181,
28.4877

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.4123, -7.5879,

123.0038, -8.3837,
32.4856

31.0308, -2.7974,
15.0638

31.0308, -2.7974,
15.0638

30.4006, -2.4756,
16.1475

31.6922, -2.9823,
13.6384

29.7990, -2.0173,
16.8956

32.3827, -3.0250,
11.8692

29.2258, -1.4309,
17.3227

33.1030, -2.9266,
9.7595

28.6714, -0.7701,
17.5705

33.8528, -2.6886,
7.3159

28.5934, -0.6765,
17.6073

34.6316, -2.3135,
4.5471

■ 35.4389, -1.8048,
1.4641

■ 36.2739, -1.1665,
-1.9213

■ 37.1361, -0.4032,
-5.5960

■ 38.0245, 0.4801,
-9.5466

Harmonies

Analogous

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



31.0315, 7.5443, 14.0957



31.0308, -2.7974, 15.0638



31.0315, -11.6518, 13.5068

Triad

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



31.0315, -2.7986, 15.0641



31.0315, -16.2846, -10.3150



31.0315, 17.7166, -7.7941

Complementary

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



31.0308, -2.7974, 15.0638



19.7948, 5.3937, -23.0648

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.



31.0315, 9.7876, -18.0705



31.0308, -2.7974, 15.0638



31.0315, -9.8980, -19.8235

Square

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



31.0315, -2.7986, 15.0641



31.0315, -18.7842, 0.5756



31.0315, -0.4995, -23.0380



31.0315, 20.2428, 2.7628

Rectangle

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



31.0308, -2.7974, 15.0638



31.0315, -15.7772, 10.8215



31.0315, -0.4995, -23.0380



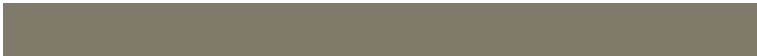
31.0315, 15.5488, -11.4952

Sweetspot

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



31.0315, -2.7986, 15.0641



44.3462, -3.5186, 9.5578



21.2153, 18.3557, 3.7887



21.5196, -1.7543, 5.0010



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.0315, -2.7986, 15.0641



39.5444, -3.0571, 21.5324



33.0198, -12.4229, 16.3621



16.9920, -1.1416, 2.2711



32.5595, -0.6256, 20.0521



74.3982, 0.0164, 45.8441

Inverse Universe

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



19.7948, 5.3937, -23.0648



22.0454, 10.9811, -40.6847



18.3561, 14.1380, -26.5691



16.0961, -0.5757, -0.5722



13.3993, 19.7974, -59.4850



29.1874, 51.7042, -148.0963

Previews

White Background



This preview shows how the HunterLab color 31.0308, -2.7974, 15.0638 looks on a white background.

Color Contrast Check

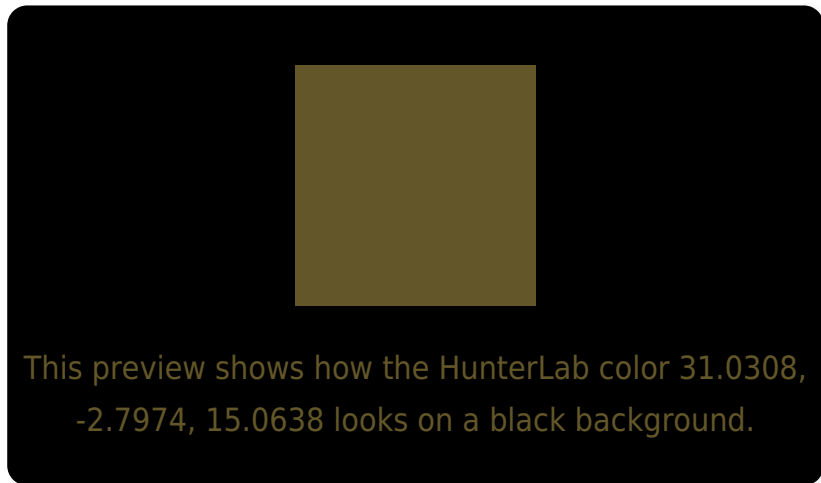
Large Text (above 18pt) WCAG AA ✓ Pass

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

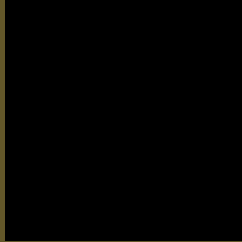
Any Text WCAG AA × Fail

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 31.0308, -2.7974, 15.0638 Background



This preview shows how black text looks on a background with the HunterLab color 31.0308, -2.7974, 15.0638.



This preview shows how white text looks on a background with the HunterLab color 31.0308, -2.7974,

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

31.0308, -2.7974, 15.0638

Protanopia

31.1142, -3.8517, 15.1075

Deuteranopia

30.8898, 1.9693, 14.8642



Tritanopia

31.0205, 5.3987, 1.5630

Trichromacy



Original Color

31.0308, -2.7974, 15.0638

Protanomaly

31.2029, -3.5373, 15.1790

Deuteranomaly

30.8400, 0.5172, 14.8013

Tritanomaly

31.0167, 2.0454, 7.7530

Monochromacy



Original Color

31.0308, -2.7974, 15.0638

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.4285, -2.6923, 7.7322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0308, -2.7974, 15.0638 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(99, 87, 41)` looks like.

```
.text, #text, p{  
    color:rgb(99, 87, 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(99, 87, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 87, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0308, -2.7974, 15.0638 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(99, 87, 41) }
```


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

```
.border{ border-color:rgb(99, 87, 41) }
```

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

Here you see how a box with a 4 pixel rgb(99, 87, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 87, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 87, 41);  
box-shadow:4px 4px 4px 4px rgb(99, 87, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.0308, -2.7974, 15.0638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 87, 41) }
```

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

```
.background{ background-color: rgb(99, 87,  
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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