

Converting Colors

HunterLab(31.4755, -15.9367,
7.5673)

Have a look what the booklet for
HunterLab(31.4755, -15.9367,
7.5673) contains.

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Color

**HunterLab(31.4755,
-15.9367, 7.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	336248
RGB	51, 98, 72
RGB Percent	20%, 38%, 28%
CMY	0.8000, 0.6157, 0.7176
CMYK	0.48, 0.00, 0.27, 0.62
HSL	147°, 32%, 29%
HSV	147°, 48%, 38%
XYZ	6.9026, 9.9071, 7.6794
YIQ	80.9830, -19.6660, -18.0500

Conversions

Conversions Part 2

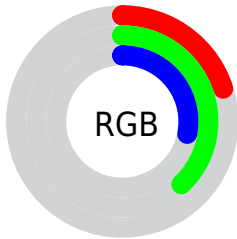
Format	Color
R_{YB}	51, 83, 98
Decimal	3367496
CIE Lab	37.68, -22.75, 9.91
CIE LCh	38, 24.817, 156.461
Yxy	9.9075, 0.2819, 0.4046
Android (android.graphics.Color)	4281557576 (0xFF336248)
YUV	80.9830, -4.4286, -26.2951
Hunter-Lab	31.4755, -15.9367, 7.5673

Details

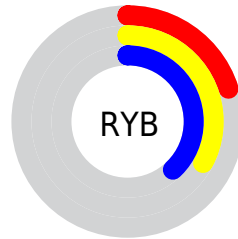
The HunterLab color **31.4755, -15.9367, 7.5673** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **23.4529, 16.5021, -3.0103**, and the grayscale version is **28.7001, -1.5314, 1.5593**.

A 20% lighter version of the original color is **50.5813, -19.8641, 9.6166**, and **15.6572, -11.5144, 5.2862** is the 20% darker color. If you saturate the color by 10%, you get **31.0025, -18.0337, 8.7585**, and if you desaturate by 10%, it is **32.0365, -13.5252, 6.3646**.

Distribution



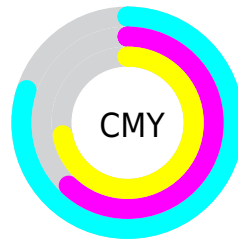
- Red (20%)
- Green (38%)
- Blue (28%)



- Red (20%)
- Yellow (33%)
- Blue (38%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4755, -15.9367, 7.5673 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 31.4755, -15.9367, 7.5673 by changing the saturation by 10% instead.

■ 31.4755, -15.9367,
7.5673

■ 31.4755, -15.9367,
7.5673

137.8443,
-32.2024, 17.7627

■ 23.1034, -13.7970,
6.4055

■ 50.6175, -19.8704,
9.8227

■ 15.6420, -11.4605,
5.1901

■ 61.2651, -21.7279,
10.9389

■ 9.2183, -11.2471,
4.9585

■ 72.5696, -23.5379,
12.0563

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.4947, -25.3125,
13.1787

0.0000, NaN, NaN

■ 97.0097, -27.0603,
14.3089

0.0000, NaN, NaN

■ 110.0881,

0.0000, NaN, NaN

-28.7880, 15.4488

0.0000, NaN, NaN

123.7065,
-30.5007, 16.5997

■ 31.4755, -15.9367,
7.5673

■ 31.4755, -15.9367,
7.5673

■ 31.0025, -18.0337,
8.7585

■ 32.0365, -13.5252,
6.3646

■ 30.6136, -19.8042,
9.9235

■ 32.6840, -10.8157,
5.1622

■ 30.3064, -21.2463,
11.0491

■ 33.4182, -7.8312,
3.9723

■ 30.0757, -22.3683,
12.1216

■ 34.2375, -4.5978,
2.8054

■ 29.8953, -23.2715,
13.1115

■ 35.1399, -1.1431,
1.6701

■ 29.8597, -23.4496,
13.2989

■ 36.1225, 2.5049,
0.5736

■ 37.1822, 6.3192,
-0.4787

■ 38.3156, 10.2744,
-1.4831

■ 39.5192, 14.3473,
-2.4371

Harmonies

Analogous

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



31.4761, -11.2563, 12.2289



31.4755, -15.9367, 7.5673



31.4761, -17.0011, -0.1823

Triad

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



31.4761, -15.9371, 7.5676



31.4761, 0.2760, -19.2423



31.4761, 13.3661, 9.9621

Complementary

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



31.4755, -15.9367, 7.5673



23.4529, 16.5021, -3.0103

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.



31.4761, 17.2786, 3.4979



31.4755, -15.9367, 7.5673



31.4761, 9.1959, -14.4732

Square

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



31.4761, -15.9371, 7.5676



31.4761, -8.2543, -17.2598



31.4761, 15.6733, -5.5393



31.4761, 5.4799, 13.3176

Rectangle

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



31.4755, -15.9367, 7.5673



31.4761, -15.6352, -6.4758



31.4761, 15.6733, -5.5393



31.4761, 15.2274, 8.1617

Sweetspot

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



31.4761, -15.9371, 7.5676



44.6093, -8.8867, 4.7072



32.5255, -12.5904, 14.1122



21.6706, -4.6429, 2.4094



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.



31.4761, -15.9371, 7.5676



40.9409, -24.3192, 11.8703



32.0366, -12.6446, -0.4592



16.9503, -2.4315, 1.4439



34.4441, -27.1372, 15.5293



79.5030, -63.3978, 37.4859

Inverse Universe

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



23.4529, 16.5021, -3.0103



28.2198, 27.5722, -4.6050



22.8739, 13.7388, 5.2460



16.1585, 0.7215, 0.3766



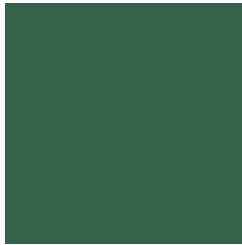
19.5101, 35.1981, -1.2417



44.8946, 80.6309, -0.0401

Previews

White Background



This preview shows how the HunterLab color 31.4755, -15.9367, 7.5673 looks on a white background.

Color Contrast Check

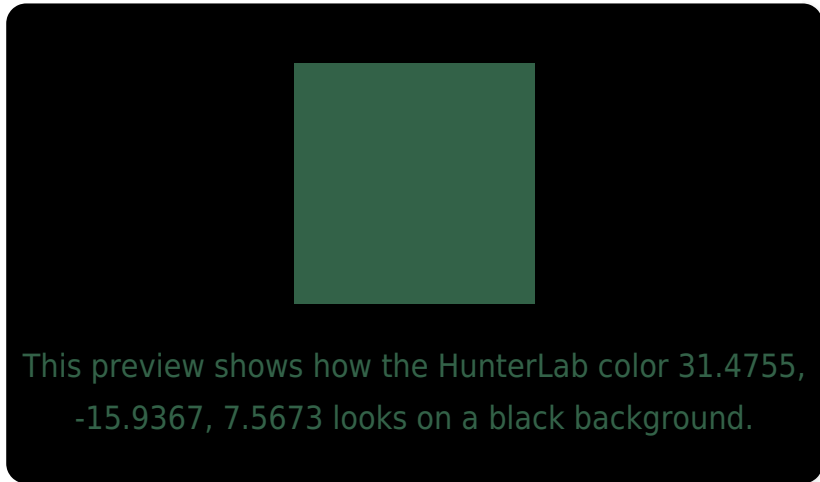
Large Text (above 18pt) WCAG AA ✓ Pass

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

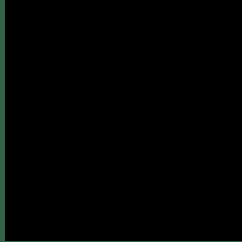
Any Text WCAG AA × Fail

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 31.4755, -15.9367, 7.5673 Background



This preview shows how black text looks on a background with the HunterLab color 31.4755, -15.9367, 7.5673.



This preview shows how white text looks on a background with the HunterLab color 31.4755,

-15.9367, 7.5673.

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

31.4755, -15.9367, 7.5673

Protanopia

31.2480, -2.5933, 9.1339

Deuteranopia

31.3525, 2.0550, 6.7671



Tritanopia

31.4556, -8.4888, -4.4595

Trichromacy



Original Color

31.4755, -15.9367, 7.5673

Protanomaly

31.1507, -8.4245, 8.3313

Deuteranomaly

31.0576, -5.7309, 6.6694

Tritanomaly

31.2738, -11.2858, 0.3091

Monochromacy



Original Color

31.4755, -15.9367, 7.5673

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.4424, -7.2112, 3.5014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4755, -15.9367, 7.5673 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(51, 98, 72)` looks like.

```
.text, #text, p{  
    color:rgb(51, 98, 72)  
}
```

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(51, 98, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 98, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4755, -15.9367, 7.5673 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(51, 98, 72) }
```


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

```
.border{ border-color:rgb(51, 98, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 98, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 98, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 98, 72);  
box-shadow:4px 4px 4px 4px rgb(51, 98, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.4755, -15.9367, 7.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 98, 72) }
```

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

```
.background{ background-color: rgb(51, 98,  
72) }
```

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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