

Converting Colors

HunterLab(31.9401, -13.4709,
15.7638)

Have a look what the booklet for
HunterLab(31.9401, -13.4709,
15.7638) contains.

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Color

**HunterLab(31.9986,
-13.3888, 15.7633)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6128
RGB	76, 97, 40
RGB Percent	30%, 38%, 16%
CMY	0.7020, 0.6196, 0.8431
CMYK	0.22, 0.00, 0.59, 0.62
HSL	82°, 42%, 27%
HSV	82°, 59%, 38%
XYZ	7.6382, 10.2391, 3.5813
YIQ	84.2230, 5.7810, -22.1790

Conversions

Conversions Part 2

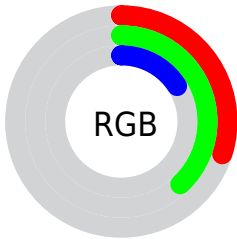
Format	Color
R_{YB}	40, 97, 61
Decimal	5005608
CIE Lab	38.27, -18.15, 29.49
CIE LCh	38, 34.623, 121.611
Yxy	10.2396, 0.3559, 0.4772
Android (android.graphics.Color)	4283195688 (0xFF4C6128)
YUV	84.2230, -21.8019, -7.2116
Hunter-Lab	31.9986, -13.3888, 15.7633

Details

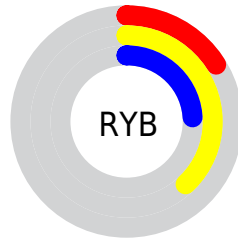
The HunterLab color **31.9986, -13.3888, 15.7633** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **18.3659, 14.9135, -24.9332**, and the grayscale version is **29.9325, -1.5971, 1.6263**.

A 20% lighter version of the original color is **51.2870, -16.9615, 20.8820**, and **15.9913, -9.2765, 9.6914** is the 20% darker color. If you saturate the color by 10%, you get **31.6848, -14.7879, 16.9287**, and if you desaturate by 10%, it is **32.3490, -11.8234, 14.2571**.

Distribution



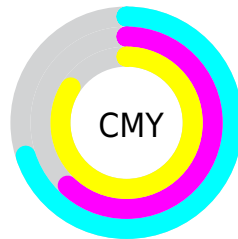
- Red (30%)
- Green (38%)
- Blue (16%)



- Red (16%)
- Yellow (38%)
- Blue (24%)



- Cyan (22%)
- Magenta (0%)
- Yellow (59%)
- Black (62%)



- Cyan (70%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.9986, -13.3888, 15.7633 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 31.9986, -13.3888, 15.7633 by changing the saturation by 10% instead.

31.9986, -13.3888,
15.7633

31.9986, -13.3888,
15.7633

138.6987,
-27.4142, 35.7666

23.5756, -11.6203,
12.9854

51.2300, -16.6956,
20.7782

16.0570, -9.7153,
10.7204

61.9177, -18.2787,
23.1018

9.5695, -8.7804,
6.6987

73.2599, -19.8334,
25.3402

0.0000, NaN, NaN

0.0000, NaN, NaN

85.2208, -21.3683,
27.5120

0.0000, NaN, NaN

97.7700, -22.8896,
29.6311

0.0000, NaN, NaN

110.8810,

0.0000, NaN, NaN

-24.4021, 31.7079

0.0000, NaN, NaN

124.5307,
-25.9094, 33.7509

■ 31.9986, -13.3888,
15.7633

■ 31.9986, -13.3888,
15.7633

■ 31.6848, -14.7879,
16.9287

■ 32.3490, -11.8234,
14.2571

■ 31.4043, -16.0206,
17.7676

■ 32.7346, -10.0893,
12.4005

■ 31.1562, -17.0936,
18.3022

■ 33.1567, -8.1895,
10.1899

■ 30.9306, -18.0625,
18.6770

■ 33.6155, -6.1282,
7.6259

■ 30.9035, -18.1800,
18.7243

■ 34.1111, -3.9108,
4.7126

■ 34.6431, -1.5440,
1.4573

■ 35.2112, 0.9649,
-2.1301

■ 35.8150, 3.6076,
-6.0376

■ 36.4537, 6.3758,
-10.2519

Harmonies

Analogous

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



31.9993, -2.3839, 17.2313



31.9986, -13.3888, 15.7633



31.9993, -20.2751, 10.8393

Triad

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



31.9993, -13.3896, 15.7635



31.9993, -12.3832, -25.7123



31.9993, 26.1292, 2.3797

Complementary

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



31.9986, -13.3888, 15.7633



18.3659, 14.9135, -24.9332

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.



31.9993, 22.3798, -11.1923



31.9986, -13.3888, 15.7633



31.9993, -1.0287, -30.7055

Square

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



31.9993, -13.3896, 15.7635



31.9993, -19.7600, -12.7598



31.9993, 11.9319, -24.5887



31.9993, 21.5175, 11.5810

Rectangle

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



31.9986, -13.3888, 15.7633



31.9993, -22.2362, 4.9102



31.9993, 11.9319, -24.5887



31.9993, 25.8023, -1.7879

Sweetspot

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



31.9993, -13.3896, 15.7635



44.0246, -7.9562, 9.8981



24.5393, 7.8042, 10.4069



21.8716, -4.2583, 5.3065



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.



31.9993, -13.3896, 15.7635



41.3186, -20.0809, 22.6866



30.5316, -19.1810, 14.5789



17.1061, -1.9747, 2.3814



36.0094, -21.3553, 21.8150



82.9213, -50.6003, 50.2099

Inverse Universe

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



18.3659, 14.9135, -24.9332



20.0446, 25.3462, -44.5449



21.2712, 22.1478, -18.0295



15.9875, 0.2505, -0.6959



12.8560, 31.1504, -62.4985



28.9202, 71.2184, -149.4623

Previews

White Background



This preview shows how the HunterLab color 31.9986, -13.3888, 15.7633 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 × Fail

Black Background



This preview shows how the HunterLab color 31.9986, -13.3888, 15.7633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

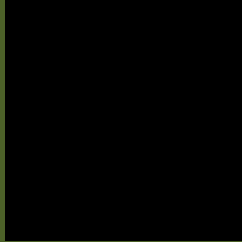
Any Text WCAG AA × Fail

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 31.9986, -13.3888, 15.7633 Background



This preview shows how black text looks on a background with the HunterLab color 31.9986, -13.3888, 15.7633.



This preview shows how white text looks on a background with the HunterLab color 31.9986,

-13.3888, 15.7633.

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

31.9986, -13.3888, 15.7633

Protanopia

31.8773, -3.9242, 16.1633

Deuteranopia

31.9523, 1.7321, 15.4783



Tritanopia

31.9422, -2.7381, -1.8139

Trichromacy



Original Color

31.9986, -13.3888, 15.7633

Protanomaly

31.9364, -7.8495, 15.9782

Deuteranomaly

31.7430, -4.3159, 15.3929

Tritanomaly

31.7333, -7.3709, 6.3066

Monochromacy



Original Color

31.9986, -13.3888, 15.7633

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.5147, -6.5502, 8.0624

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.9986, -13.3888, 15.7633 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(76, 97, 40)` looks like.

```
.text, #text, p{  
    color:rgb(76, 97, 40)  
}
```

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(76, 97, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 97, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 31.9986, -13.3888, 15.7633 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(76, 97, 40) }
```


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

```
.border{ border-color:rgb(76, 97, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 97, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 97, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 97, 40);  
box-shadow:4px 4px 4px 4px rgb(76, 97, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.9986, -13.3888, 15.7633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 97, 40) }
```

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

```
.background{ background-color: rgb(76, 97,  
40) }
```

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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