

Converting Colors

HunterLab(31.3397, 2.5045,
13.8579)

Have a look what the booklet for
HunterLab(31.3397, 2.5045,
13.8579) contains.

HunterLab(31.3267, 2.3373, 13.8448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(31.3267, 2.3373,
13.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5431
RGB	109, 84, 49
RGB Percent	43%, 33%, 19%
CMY	0.5725, 0.6706, 0.8078
CMYK	0.00, 0.23, 0.55, 0.57
HSL	35°, 38%, 31%
HSV	35°, 55%, 43%
XYZ	10.0314, 9.8136, 4.2712
YIQ	87.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

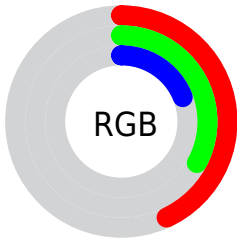
Format	Color
RYB	92, 109, 49
Decimal	7164977
CIELab	37.51, 5.66, 24.30
CIELCh	38, 24.946, 76.888
Yxy	9.8141, 0.4160, 0.4069
Android (android.graphics.Color)	4285355057 (0xFF6D5431)
YUV	87.4850, -18.9731, 18.8687
Hunter-Lab	31.3267, 2.3373, 13.8448

Details

The HunterLab color **31.3267, 2.3373, 13.8448** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **25.7961, -0.3342, -17.3637**, and the grayscale version is **31.1111, -1.6600, 1.6903**.

A 20% lighter version of the original color is **50.3001, 2.1089, 17.9874**, and **15.4513, 2.3680, 9.2319** is the 20% darker color. If you saturate the color by 10%, you get **30.0843, 3.6454, 14.9708**, and if you desaturate by 10%, it is **32.6275, 1.1895, 12.3823**.

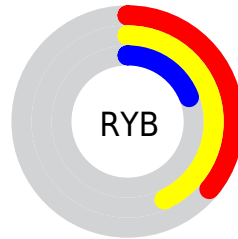
Distribution



Red (43%)

Green (33%)

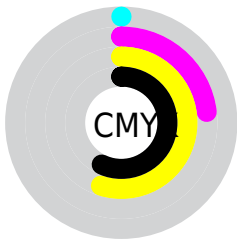
Blue (19%)



Red (36%)

Yellow (43%)

Blue (19%)

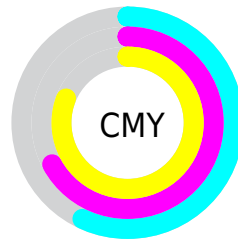


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (57%)



Cyan (57%)

Magenta (67%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3267, 2.3373, 13.8448 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 31.3267, 2.3373, 13.8448 by changing the saturation by 10% instead.

■ 31.3267, 2.3373,
13.8448

■ 31.3267, 2.3373,
13.8448

■ 137.6009, -0.8833,
31.1726

■ 22.9693, 2.4086,
11.4957

■ 50.4433, 1.9738,
18.1132

■ 15.5242, 2.3898,
9.2948

■ 61.0794, 1.7026,
20.1074

■ 9.1161, 2.2763,
6.3813

■ 72.3731, 1.3795,
22.0392

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2880, 1.0090,
23.9236

0.0000, NaN, NaN

■ 96.7933, 0.5947,
25.7717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8623, 0.1396,

27.5919

0.0000, NaN, NaN

123.4717, -0.3537,
29.3905

■ 31.3267, 2.3373,
13.8448

■ 31.3267, 2.3373,
13.8448

■ 30.0843, 3.6454,
14.9708

■ 32.6275, 1.1895,
12.3823

■ 28.9010, 5.1178,
15.7459

■ 33.9813, 0.2027,
10.5999

■ 27.7804, 6.7485,
16.1647

■ 35.3857, -0.6299,
8.5180

■ 26.7219, 8.5131,
16.2708

■ 36.8378, -1.3153,
6.1572

■ 26.2140, 9.3965,
16.3174

■ 38.3345, -1.8614,
3.5379

■ 39.8733, -2.2763,
0.6798

■ 41.4515, -2.5684,
-2.3987

■ 43.0669, -2.7457,
-5.6804

■ 44.7171, -2.8160,
-9.1495

Harmonies

Analogous

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



31.3275, 11.0064, 11.4735



31.3267, 2.3373, 13.8448



31.3275, -6.5278, 13.6923

Triad

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



31.3275, 2.3360, 13.8452



31.3275, -16.5271, -3.4452



31.3275, 11.9377, -11.7070

Complementary

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



31.3267, 2.3373, 13.8448



25.7961, -0.3342, -17.3637

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.



31.3275, 3.4962, -18.4060



31.3267, 2.3373, 13.8448



31.3275, -12.6102, -12.7917

Square

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



31.3275, 2.3360, 13.8452



31.3275, -16.7630, 5.2034



31.3275, -5.4904, -18.8510



31.3275, 16.9555, -2.2495

Rectangle

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



31.3267, 2.3373, 13.8448



31.3275, -11.3681, 12.1938



31.3275, -5.4904, -18.8510



31.3275, 9.3660, -14.4592

Sweetspot

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



31.3275, 2.3360, 13.8452



48.8176, -1.5551, 9.0387



24.3769, 20.6147, -0.3757



23.4178, -0.6908, 4.5776



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



31.3275, 2.3360, 13.8452



39.8082, 5.4052, 20.3699



37.5527, -9.9516, 18.3777



18.3916, -0.8110, 2.2359



28.2652, 10.3391, 17.5979



62.4218, 26.2504, 38.9235

Inverse Universe

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



25.7961, -0.3342, -17.3637



30.9331, 1.6258, -30.5676



20.2117, 12.1434, -29.7741



17.9250, -1.0724, -0.3349



18.6472, 8.7344, -42.1623



40.1010, 24.1951, -102.3531

Previews

White Background



This preview shows how the HunterLab color 31.3267, 2.3373, 13.8448 looks on a white background.

Color Contrast Check

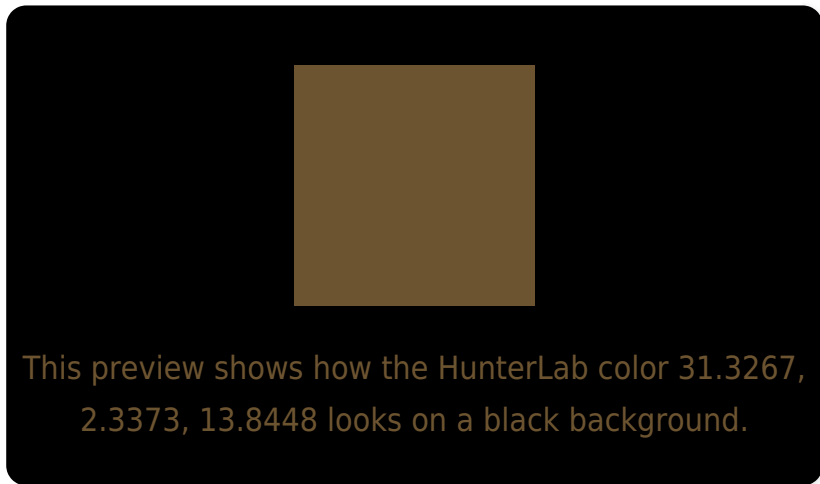
Large Text (above 18pt) WCAG AA ✓ Pass

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

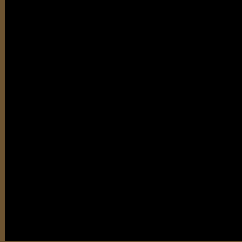
Any Text WCAG AA × Fail

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 31.3267, 2.3373, 13.8448 Background



This preview shows how black text looks on a background with the HunterLab color 31.3267, 2.3373, 13.8448.



This preview shows how white text looks on a background with the HunterLab color 31.3267, 2.3373,

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

31.3267, 2.3373, 13.8448

Protanopia

31.5042, -3.5744, 13.4559

Deuteranopia

31.2259, 1.9990, 13.7590



Tritanopia

31.3910, 8.9260, 2.8704

Trichromacy



Original Color

31.3267, 2.3373, 13.8448

Protanomaly

31.3263, -1.5397, 13.5649

Deuteranomaly

31.2259, 1.9990, 13.7590

Tritanomaly

31.2176, 6.5542, 7.3793

Monochromacy



Original Color

31.3267, 2.3373, 13.8448

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.9346, -0.7627, 6.9673

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3267, 2.3373, 13.8448 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(109, 84, 49)` looks like.

```
.text, #text, p{  
    color:rgb(109, 84, 49)  
}
```

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(109, 84, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 84, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3267, 2.3373, 13.8448 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(109, 84, 49) }
```


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

```
.border{ border-color:rgb(109, 84, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 84, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 84, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 84, 49);  
box-shadow:4px 4px 4px 4px rgb(109, 84,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3267, 2.3373, 13.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 84, 49) }
```

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

```
.background{ background-color: rgb(109, 84,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor