

Converting Colors

HunterLab(31.8990, 2.1353,
-1.2815)

Have a look what the booklet for
HunterLab(31.8990, 2.1353, -1.2815)
contains.

HunterLab(31.8846, 2.3671, -1.3412)	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(31.8846, 2.3671,
-1.3412)**

Conversions

Conversions Part 1

Format	Color
Hex	605761
RGB	96, 87, 97
RGB Percent	38%, 34%, 38%
CMY	0.6235, 0.6588, 0.6196
CMYK	0.01, 0.10, 0.00, 0.62
HSL	294°, 5%, 36%
HSV	294°, 10%, 38%
XYZ	10.3898, 10.1663, 12.7240
YIQ	90.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

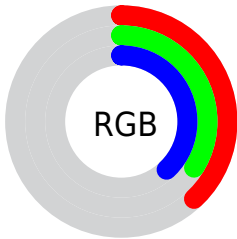
Format	Color
R_{YB}	96, 87, 97
Decimal	6313825
CIE _{Lab}	38.14, 5.71, -4.44
CIE _{LCh}	38, 7.231, 322.161
Yxy	10.1667, 0.3122, 0.3055
Android (android.graphics.Color)	4284503905 (0xFF605761)
YUV	90.8310, 3.0413, 4.5332
Hunter-Lab	31.8846, 2.3671, -1.3412

Details

The HunterLab color $[31.8846, 2.3671, -1.3412]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[33.6340, -5.6829, 4.7299]$, and the grayscale version is $[32.2712, -1.7219, 1.7534]$.

A 20% lighter version of the original color is $[51.2177, 2.1101, -0.8357]$, and $[16.0407, 2.4292, -1.6497]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.4072, 6.5378, -4.5668]$, and if you desaturate by 10%, it is $[34.4926, -1.7206, 1.7841]$.

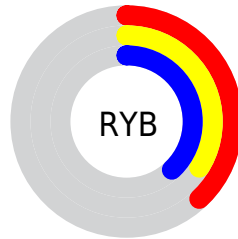
Distribution



Red (38%)

Green (34%)

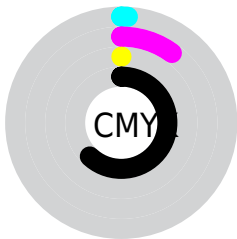
Blue (38%)



Red (38%)

Yellow (34%)

Blue (38%)

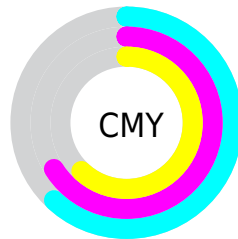


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8846, 2.3671, -1.3412 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 31.8846, 2.3671, -1.3412 by changing the saturation by 10% instead.

■ 31.8846, 2.3671,
-1.3412

■ 31.8846, 2.3671,
-1.3412

■ 138.5128, -0.8584,
2.6654

■ 23.4726, 2.4409,
-1.5295

■ 51.0966, 2.0018,
-0.7733

■ 15.9664, 2.4248,
-1.6412

■ 61.7756, 1.7297,
-0.4087

■ 9.4933, 2.2930,
-1.6590

■ 73.1096, 1.4060,
0.0032

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 85.0627, 1.0350,
0.4588

0.0000, NaN, NaN

■ 97.6045, 0.6204,
0.9552

0.0000, NaN, NaN

110.7084, 0.1650,

0.0000, NaN, NaN

1.4898

0.0000, NaN, NaN

124.3513, -0.3287,
2.0605

■ 31.8846, 2.3671,
-1.3412

■ 31.8846, 2.3671,
-1.3412

■ 29.4072, 6.5378,
-4.5668

■ 34.4926, -1.7206,
1.7841

■ 27.0782, 10.7759,
-7.8888

■ 37.2125, -5.7189,
4.8110

■ 24.9224, 15.0392,
-11.2845

■ 40.0314, -9.6322,
7.7483

■ 22.9676, 19.2508,
-14.7052

■ 42.9382, -13.4679,
10.6063

■ 21.2450, 23.2846,
-18.0634

■ 45.9236, -17.2350,
13.3950

■ 19.7861, 26.9580,
-21.2251

■ 48.9798, -20.9425,
16.1245

■ 18.6188, 30.0441,
-24.0150

■ 52.1005, -24.5992,
18.8034

■ 17.7587, 32.3184,
-26.2496

■ 55.2803, -28.2131,
21.4398

■ 17.0407, 34.2474,
-28.2490

■ 58.5144, -31.7914,
24.0404

Harmonies

Analogous

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



31.8853, 0.2161, -3.0202



31.8846, 2.3671, -1.3412



31.8853, 3.4332, 1.0762

Triad

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



31.8853, 2.3663, -1.3406



31.8853, -1.0142, 6.1202



31.8853, -6.2279, -0.1221

Complementary

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



31.8846, 2.3671, -1.3412



33.6340, -5.6829, 4.7299

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.



31.8853, -6.5334, 2.3812



31.8846, 2.3671, -1.3412



31.8853, -3.5778, 5.8557

Square

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



31.8853, 2.3663, -1.3406



31.8853, 1.4409, 5.2870



31.8853, -5.5780, 4.5329



31.8853, -4.7296, -2.2781

Rectangle

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



31.8846, 2.3671, -1.3412



31.8853, 3.3633, 2.7269



31.8853, -5.5780, 4.5329



31.8853, -6.4715, 0.7114

Sweetspot

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



31.8853, 2.3663, -1.3406



44.1942, -0.7769, 1.2117



31.4154, -0.5535, -1.9959



21.9074, -0.2104, 0.4690



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.



31.8853, 2.3663, -1.3406



41.0683, 4.2045, -2.6067



31.8568, 2.0424, 0.3913



16.1764, 0.8909, -0.4450



19.8492, 39.9084, -33.0336



45.6417, 91.9074, -77.0531

Inverse Universe

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



31.7220, 1.3181, 2.3131



40.8122, 2.5629, 3.1539



33.6619, -5.3832, 3.2144



16.1058, 0.4377, 1.1275



18.6616, 32.0908, 11.0338



43.0565, 73.8884, 26.6372

Previews

White Background



This preview shows how the HunterLab color 31.8846, 2.3671, -1.3412 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 31.8846, 2.3671, -1.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

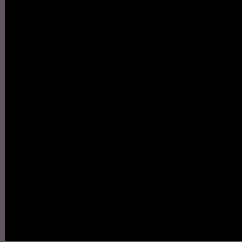
Any Text WCAG AA × Fail

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 31.8846, 2.3671, -1.3412 Background



This preview shows how black text looks on a background with the HunterLab color 31.8846, 2.3671, -1.3412.



This preview shows how white text looks on a background with the HunterLab color 31.8846, 2.3671, -1.3412.

-1.3412.

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

31.8846, 2.3671, -1.3412

Protanopia

31.8598, -0.3060, -1.8775

Deuteranopia

31.7999, 2.0831, -1.4543



Tritanopia

31.7983, 1.9050, -0.1178

Trichromacy



Original Color

31.8846, 2.3671, -1.3412

Protanomaly

31.8380, 0.9538, -1.8835

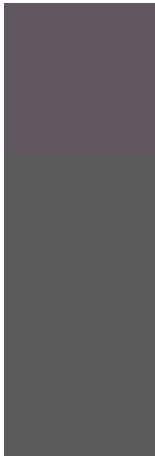
Deuteranomaly

31.7999, 2.0831, -1.4543

Tritanomaly

31.8267, 2.0574, -0.5211

Monochromacy



Original Color

31.8846, 2.3671, -1.3412

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.2952, -0.4374, 0.8803

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8846, 2.3671, -1.3412 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(96, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(96, 87, 97)  
}
```

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(96, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 87, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8846, 2.3671, -1.3412 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(96, 87, 97) }
```


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

```
.border{ border-color:rgb(96, 87, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 87, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(96, 87, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.8846, 2.3671, -1.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 87, 97) }
```

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

```
.background{ background-color: rgb(96, 87,  
97) }
```

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