

Converting Colors

HunterLab(31.4528, -11.8255,
8.1045)

Have a look what the booklet for
HunterLab(31.4528, -11.8255,
8.1045) contains.

HunterLab(31.3936, -11.8307, 8.1942)	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(31.3936,
-11.8307, 8.1942)**

Conversions

Conversions Part 1	
Format	Color
Hex	445F46
RGB	68, 95, 70
RGB Percent	27%, 37%, 27%
CMY	0.7333, 0.6274, 0.7255
CMYK	0.28, 0.00, 0.26, 0.63
HSL	124°, 17%, 32%
HSV	124°, 28%, 37%
XYZ	7.5816, 9.8556, 7.2971
YIQ	84.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

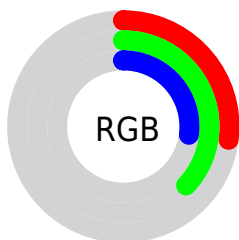
Format	Color
RYB	68, 93, 95
Decimal	4480838
CIELab	37.58, -15.72, 11.15
CIELCh	38, 19.273, 144.670
Yxy	9.8560, 0.3065, 0.3985
Android (android.graphics.Color)	4282670918 (0xFF445F46)
YUV	84.0770, -6.9400, -14.0995
Hunter-Lab	31.3936, -11.8307, 8.1942

Details

The HunterLab color **31.3936, -11.8307, 8.1942** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **27.1250, 10.1944, -5.7441**, and the grayscale version is **29.8304, -1.5917, 1.6207**.

A 20% lighter version of the original color is **50.6435, -15.0141, 10.8777**, and **15.6777, -8.6556, 5.5876** is the 20% darker color. If you saturate the color by 10%, you get **30.7223, -14.7525, 10.0966**, and if you desaturate by 10%, it is **32.1638, -8.5730, 6.1045**.

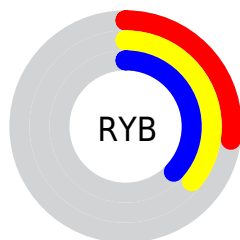
Distribution



Red (27%)

Green (37%)

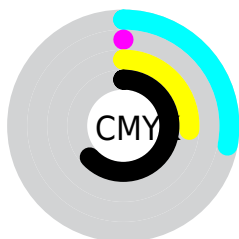
Blue (27%)



Red (27%)

Yellow (36%)

Blue (37%)

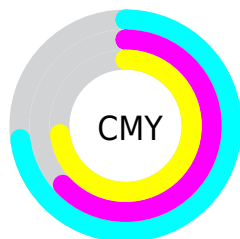


Cyan (28%)

Magenta (0%)

Yellow (26%)

Black (63%)



Cyan (73%)


Magenta (63%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 31.3936, -11.8307, 8.1942 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 31.3936, -11.8307, 8.1942 by changing the saturation by 10% instead.


 31.3936, -11.8307,
8.1942


 31.3936, -11.8307,
8.1942


137.7103,
-24.7140, 18.9705


 23.0295, -10.2426,
6.9361

 50.5216, -14.8247,
10.6126

 15.5771, -8.5424,
5.6088


 61.1629, -16.2689,
11.8000

 9.1622, -7.9674,
5.5410


 72.4614, -17.6934,
12.9837

0.0000, NaN, NaN

0.0000, NaN, NaN

 84.3809, -19.1053,
14.1682

0.0000, NaN, NaN

 96.8906, -20.5099,
15.3570

0.0000, NaN, NaN


109.9638,


0.0000, NaN, NaN


-21.9110, 16.5526


0.0000, NaN, NaN


123.5772,
-23.3116, 17.7566


 31.3936, -11.8307,
8.1942


 31.3936, -11.8307,
8.1942


 30.7223, -14.7525,
10.0966


 32.1638, -8.5730,
6.1045


 30.1487, -17.3066,
11.7902


 33.0287, -5.0121,
3.8490

 29.6731, -19.4708,
13.2584

 33.9862, -1.1850,
1.4511

 29.2935, -21.2320,
14.4894

 35.0326, 2.8720,
-1.0665

 29.0060, -22.5891,
15.4780

 36.1639, 7.1237,
-3.6828

■ 28.8047, -23.5550,
16.2265

■ 37.3758, 11.5380,
-6.3784

■ 28.6583, -24.2577,
16.7338

■ 38.6638, 16.0860,
-9.1365

■ 28.6361, -24.3631,
16.8004

■ 40.0235, 20.7423,
-11.9426

■ 41.4505, 25.4853,
-14.7843

Harmonies

Analogous

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



31.3943, -7.0507, 11.1882



31.3936, -11.8307, 8.1942



31.3943, -13.8805, 2.8644

Triad

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



31.3943, -11.8313, 8.1945



31.3943, -2.9057, -13.7253



31.3943, 11.3820, 6.5556

Complementary

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



31.3936, -11.8307, 8.1942



27.1250, 10.1944, -5.7441

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.



31.3943, 12.7330, 0.5077



31.3936, -11.8307, 8.1942



31.3943, 4.0848, -12.1407

Square

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



31.3943, -11.8313, 8.1945



31.3943, -9.0214, -10.5005



31.3943, 9.9588, -6.5465



31.3943, 6.4120, 10.3958

Rectangle

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



31.3936, -11.8307, 8.1942



31.3943, -13.5627, -1.6762



31.3943, 9.9588, -6.5465



31.3943, 12.2917, 4.7545

Sweetspot

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



31.3943, -11.8313, 8.1945



43.1234, -6.9670, 5.2940



33.0755, -5.6930, 10.4779



21.0516, -3.6460, 2.7401



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.3943, -11.8313, 8.1945



40.4911, -18.0532, 12.3927



31.6907, -10.1201, 3.9253



16.9093, -2.6599, 2.0301



34.1332, -29.0787, 20.1090



78.8585, -67.4270, 46.9893

Inverse Universe

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



27.1250, 10.1944, -5.7441



33.7034, 17.0622, -9.8116



26.7247, 8.1592, -0.0989



16.2037, 0.9645, -0.2663



21.1070, 40.8708, -22.9832



48.7274, 94.2637, -52.3617

Previews

White Background



This preview shows how the HunterLab color 31.3936, -11.8307, 8.1942 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



This preview shows how the HunterLab color 31.3936, -11.8307, 8.1942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

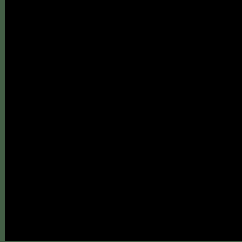
Any Text WCAG AA × Fail

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 31.3936, -11.8307, 8.1942 Background



This preview shows how black text looks on a background with the HunterLab color 31.3936, -11.8307, 8.1942.



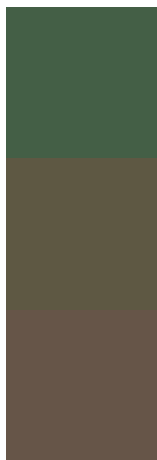
This preview shows how white text looks on a background with the HunterLab color 31.3936, -11.8307, 8.1942.

-11.8307, 8.1942.

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

31.3936, -11.8307, 8.1942

Protanopia

31.2480, -2.5933, 9.1339

Deuteranopia

31.2884, 1.7114, 7.6920



Tritanopia

31.3041, -4.9407, -3.1545

Trichromacy



Original Color
31.3936, -11.8307, 8.1942

Protanomaly
31.3541, -6.3037, 8.8685

Deuteranomaly
31.2624, -3.7431, 7.8925

Tritanomaly
31.1424, -7.5726, 1.4800

Monochromacy



Original Color
31.3936, -11.8307, 8.1942

Achromatopsia
29.7751, -1.5887, 1.6177

Achromatomaly
30.2715, -5.5493, 4.0680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3936, -11.8307, 8.1942 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(68, 95, 70)` looks like.

```
.text, #text, p{  
    color:rgb(68, 95, 70)  
}
```

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(68, 95, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 95, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3936, -11.8307, 8.1942 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(68, 95, 70) }
```


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

```
.border{ border-color:rgb(68, 95, 70) }
```

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

Here you see how a box with a 4 pixel rgb(68, 95, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 95, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 95, 70);  
box-shadow:4px 4px 4px 4px rgb(68, 95, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3936, -11.8307, 8.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 95, 70) }
```

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

```
.background{ background-color: rgb(68, 95,  
70) }
```

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