

Converting Colors

HunterLab(31.4653, 1.8954,
18.5567)

Have a look what the booklet for
HunterLab(31.4653, 1.8954,
18.5567) contains.

HunterLab(31.4418, 2.1266, 18.5593)	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(31.4418, 2.1266,
18.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	71540F
RGB	113, 84, 15
RGB Percent	44%, 33%, 6%
CMY	0.5569, 0.6706, 0.9412
CMYK	0.00, 0.26, 0.87, 0.56
HSL	42°, 77%, 25%
HSV	42°, 87%, 44%
XYZ	10.0666, 9.8859, 1.8295
YIQ	84.8050, 39.4330, -15.3110

Conversions

Conversions Part 2

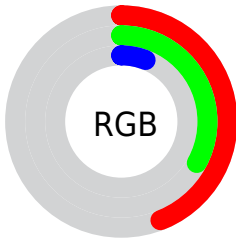
Format	Color
R_{YB}	56, 113, 15
Decimal	7427087
CIE Lab	37.64, 5.37, 41.25
CIE LCh	38, 41.599, 82.582
Yxy	9.8864, 0.4621, 0.4539
Android (android.graphics.Color)	4285617167 (0xFF71540F)
YUV	84.8050, -34.4139, 24.7270
Hunter-Lab	31.4418, 2.1266, 18.5593

Details

The HunterLab color **31.4418, 2.1266, 18.5593** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.5930, 10.5912, -41.6238**, and the grayscale version is **30.1809, -1.6104, 1.6398**.

A 20% lighter version of the original color is **50.4792, 1.7971, 25.2626**, and **15.6305, 2.9093, 9.6824** is the 20% darker color. If you saturate the color by 10%, you get **30.5830, 3.3716, 18.6980**, and if you desaturate by 10%, it is **32.3409, 1.0043, 18.1216**.

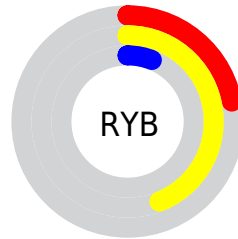
Distribution



Red (44%)

Green (33%)

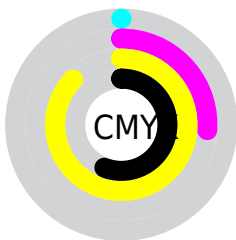
Blue (6%)



Red (22%)

Yellow (44%)

Blue (6%)

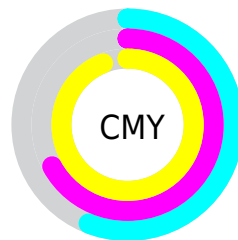


Cyan (0%)

Magenta (26%)

Yellow (87%)

Black (56%)



Cyan (56%)

Magenta (67%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4418, 2.1266, 18.5593 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 31.4418, 2.1266, 18.5593 by changing the saturation by 10% instead.

31.4418, 2.1266,
18.5593

31.4418, 2.1266,
18.5593

137.7894, -1.2232,
44.9575

23.0731, 2.2173,
15.0014

50.5782, 1.7284,
25.3588

15.6154, 2.2203,
10.9308

61.2232, 1.4416,
28.4736

9.1953, 2.1210,
6.4367

72.5252, 1.1037,
31.4479

0.0000, NaN, NaN

0.0000, NaN, NaN

84.4481, 0.7193,
34.3080

0.0000, NaN, NaN

96.9609, 0.2917,
37.0745

0.0000, NaN, NaN

0.0000, NaN, NaN

110.0372, -0.1762,

39.7636

0.0000, NaN, NaN

123.6535, -0.6818,
42.3878

31.4418, 2.1266,
18.5593

31.4418, 2.1266,
18.5593

30.5830, 3.3716,
18.6980

32.3409, 1.0043,
18.1216

30.3058, 3.7846,
18.7405

33.2828, 0.0425,
17.3024

34.2682, -0.7540,
16.0939

35.2965, -1.3830,
14.4971

36.3667, -1.8450,
12.5194

■ 37.4778, -2.1426,
10.1727

■ 38.6282, -2.2803,
7.4716

■ 39.8167, -2.2634,
4.4324

■ 41.0417, -2.0982,
1.0727

Harmonies

Analogous

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



31.4426, 17.7997, 16.6202



31.4418, 2.1266, 18.5593



31.4426, -11.9906, 17.9530

Triad

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



31.4426, 2.1251, 18.5596



31.4426, -24.0943, -10.7290



31.4426, 24.6144, -19.8960

Complementary

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



31.4418, 2.1266, 18.5593



17.5930, 10.5912, -41.6238

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.



31.4426, 10.1599, -35.5392



31.4418, 2.1266, 18.5593



31.4426, -17.3327, -28.7420

Square

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



31.4426, 2.1251, 18.5596



31.4426, -25.4418, 5.0464



31.4426, -5.3111, -39.3690



31.4426, 32.2725, -2.0341

Rectangle

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



31.4418, 2.1266, 18.5593



31.4426, -18.8877, 15.9378



31.4426, -5.3111, -39.3690



31.4426, 20.2733, -25.8749

Sweetspot

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



31.4426, 2.1251, 18.5596



50.1558, -2.8680, 13.6035



20.0930, 30.9591, 5.7745



23.9317, -1.3396, 6.9565



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



31.4426, 2.1251, 18.5596



40.2678, 5.5934, 24.9108



37.6733, -15.9595, 22.2233



19.3847, -1.1179, 2.5251



32.2232, 4.1308, 19.9281



70.8325, 11.2392, 43.8434

Inverse Universe

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



17.5930, 10.5912, -41.6238



19.7956, 21.5277, -71.2150



13.7273, 25.7955, -58.5662



18.5648, -0.8491, -0.5651



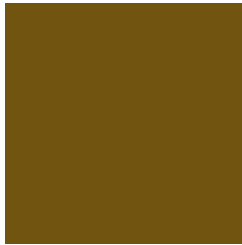
16.0682, 16.2693, -55.2048



33.9513, 41.7270, -132.5128

Previews

White Background



This preview shows how the HunterLab color 31.4418, 2.1266, 18.5593 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 31.4418, 2.1266, 18.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

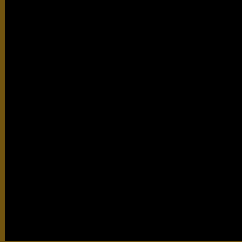
Any Text WCAG AA × Fail

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 31.4418, 2.1266, 18.5593 Background



This preview shows how black text looks on a background with the HunterLab color 31.4418, 2.1266, 18.5593.



This preview shows how white text looks on a background with the HunterLab color 31.4418, 2.1266,

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

31.4418, 2.1266, 18.5593

Protanopia

31.4507, -4.4048, 18.3786

Deuteranopia

31.3367, 1.7733, 18.4855



Tritanopia

31.4178, 11.2693, 3.7283

Trichromacy



Original Color

31.4418, 2.1266, 18.5593

Protanomaly

31.3960, -1.9124, 18.3868

Deuteranomaly

31.3367, 1.7733, 18.4855

Tritanomaly

31.2507, 7.3451, 11.5350

Monochromacy



Original Color

31.4418, 2.1266, 18.5593

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.4239, -1.7086, 10.3861

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4418, 2.1266, 18.5593 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(113, 84, 15)` looks like.

```
.text, #text, p{  
    color:rgb(113, 84, 15)  
}
```

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(113, 84, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 84, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4418, 2.1266, 18.5593 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(113, 84, 15) }
```


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

```
.border{ border-color:rgb(113, 84, 15) }
```

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

Here you see how a box with a 4 pixel rgb(113, 84, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 84, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 84, 15);  
box-shadow:4px 4px 4px 4px rgb(113, 84,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4418, 2.1266, 18.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 84, 15) }
```

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

```
.background{ background-color: rgb(113, 84,  
15) }
```

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