

Converting Colors

HunterLab(31.8693, 18.4696,
18.1429)

Have a look what the booklet for
HunterLab(31.8693, 18.4696,
18.1429) contains.

HunterLab(31.8693, 18.4696, 18.1429)	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(31.8693, 18.4696,
18.1429)**

Conversions

Conversions Part 1

Format	Color
Hex	8C471A
RGB	140, 71, 26
RGB Percent	55%, 28%, 10%
CMY	0.4510, 0.7216, 0.8980
CMYK	0.00, 0.49, 0.81, 0.45
HSL	24°, 69%, 33%
HSV	24°, 81%, 55%
XYZ	13.2549, 10.1565, 2.2391
YIQ	86.5010, 55.5690, 0.6330

Conversions

Conversions Part 2

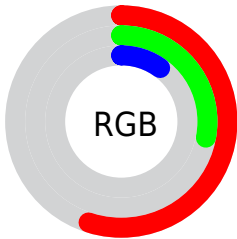
Format	Color
R _Y B	140, 100, 26
Decimal	9193242
CIE Lab	38.12, 26.00, 38.52
CIE LCh	38, 46.474, 55.980
Yxy	10.1571, 0.5167, 0.3960
Android (android.graphics.Color)	4287383322 (0xFF8C471A)
YUV	86.5010, -29.8270, 46.9186
Hunter-Lab	31.8693, 18.4696, 18.1429

Details

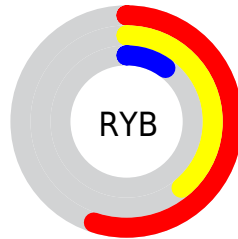
The HunterLab color **31.8693, 18.4696, 18.1429** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **32.0887, -4.6917, -26.1519**, and the grayscale version is **30.7813, -1.6424, 1.6724**.

A 20% lighter version of the original color is **51.1484, 19.8227, 24.5577**, and **16.0626, 16.3835, 10.1845** is the 20% darker color. If you saturate the color by 10%, you get **30.1750, 21.9254, 18.2940**, and if you desaturate by 10%, it is **33.7487, 15.1390, 17.5339**.

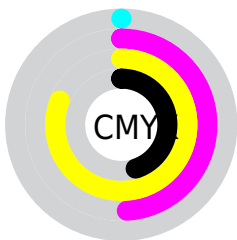
Distribution



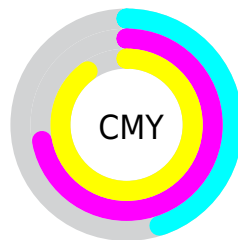
- Red (55%)
- Green (28%)
- Blue (10%)



- Red (55%)
- Yellow (39%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (81%)
- Black (45%)



- Cyan (45%)
- Magenta (72%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8693, 18.4696, 18.1429 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 31.8693, 18.4696, 18.1429 by changing the saturation by 10% instead.

31.8693, 18.4696,
18.1429

31.8693, 18.4696,
18.1429

138.4881, 23.3583,
43.0033

23.4590, 17.4047,
14.6600

51.0789, 20.1985,
24.5131

15.9544, 16.1909,
11.1681

61.7567, 20.8966,
27.4370

9.4832, 14.8336,
6.6383

73.0896, 21.4991,
30.2338

0.0000, INF, NaN

0.0000, NaN, NaN

85.0418, 22.0155,
32.9282

0.0000, NaN, NaN

97.5825, 22.4536,
35.5391

0.0000, NaN, NaN

110.6855, 22.8198,

0.0000, NaN, NaN

38.0812

0.0000, NaN, NaN

124.3275, 23.1198,
40.5661

31.8693, 18.4696,
18.1429

31.8693, 18.4696,
18.1429

30.1750, 21.9254,
18.2940

33.7487, 15.1390,
17.5339

28.8675, 24.8833,
18.2236

35.7955, 11.9919,
16.4859

37.9949, 9.0539,
15.0365

40.3322, 6.3350,
13.2282

42.7938, 3.8337,
11.1038

■ 45.3673, 1.5410,
8.7026

■ 48.0421, -0.5561,
6.0597

■ 50.8084, -2.4727,
3.2055

■ 53.6581, -4.2244,
0.1657

Harmonies

Analogous

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



31.8702, 32.8599, 12.4765



31.8693, 18.4696, 18.1429



31.8702, 0.5950, 19.6878

Triad

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



31.8702, 18.4674, 18.1433



31.8702, -27.9560, 3.8155



31.8702, 13.7248, -40.1173

Complementary

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



31.8693, 18.4696, 18.1429



32.0887, -4.6917, -26.1519

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.



31.8702, -3.9362, -46.6871



31.8693, 18.4696, 18.1429



31.8702, -25.8599, -14.8826

Square

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



31.8702, 18.4674, 18.1433



31.8702, -24.3070, 14.5863



31.8702, -17.8416, -35.7086



31.8702, 29.7475, -20.7013

Rectangle

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



31.8693, 18.4696, 18.1429



31.8702, -10.1195, 19.3960



31.8702, -17.8416, -35.7086



31.8702, 7.6909, -44.2252

Sweetspot

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



31.8702, 18.4674, 18.1433



59.1720, 2.9548, 12.5731



26.7663, 41.9196, -7.4468



27.8831, 1.8803, 6.5227



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



31.8702, 18.4674, 18.1433



38.3284, 33.1190, 24.0367



45.5536, -7.0225, 26.6749



23.1332, -0.4800, 2.5784



27.2784, 23.2834, 17.2164



2.7680, 0.6822, 1.7175

Inverse Universe

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



32.0887, -4.6917, -26.1519



38.3821, -1.7064, -43.9501



18.9314, 22.4536, -65.6448



23.1575, -1.9090, -0.1165



27.3074, -1.4211, -31.0640



2.7961, -0.9707, -1.3995

Previews

White Background



This preview shows how the HunterLab color 31.8693, 18.4696, 18.1429 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 31.8693, 18.4696, 18.1429 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 31.8693, 18.4696, 18.1429 Background



This preview shows how black text looks on a background with the HunterLab color 31.8693, 18.4696, 18.1429.



This preview shows how white text looks on a background with the HunterLab color 31.8693, 18.4696, 18.1429.

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

31.8693, 18.4696, 18.1429

Protanopia

32.1680, -4.3819, 17.3558

Deuteranopia

32.0679, 1.7346, 18.5668



Tritanopia

31.9688, 23.8987, 9.0616

Trichromacy



Original Color

31.8693, 18.4696, 18.1429

Protanomaly

31.7399, 3.2937, 17.4443

Deuteranomaly

31.8649, 7.2878, 18.3503

Tritanomaly

31.7377, 21.7428, 13.1850

Monochromacy



Original Color

31.8693, 18.4696, 18.1429

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.5462, 4.0478, 9.1863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8693, 18.4696, 18.1429 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(140, 71, 26)` looks like.

```
.text, #text, p{  
  color:rgb(140, 71, 26)  
}
```

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(140, 71, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 71, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8693, 18.4696, 18.1429 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(140, 71, 26) }
```


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

```
.border{ border-color:rgb(140, 71, 26) }
```

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

Here you see how a box with a 4 pixel rgb(140, 71, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 71, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 71, 26);  
box-shadow:4px 4px 4px 4px rgb(140, 71,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8693, 18.4696, 18.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 71, 26) }
```

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

```
.background{ background-color: rgb(140, 71,  
26) }
```

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