

Converting Colors

HunterLab(18.8297, -11.5315,
8.6800)

Have a look what the booklet for
HunterLab(18.8297, -11.5315,
8.6800) contains.

HunterLab(18.8270, -11.5235, 8.6779)	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(18.8270,
-11.5235, 8.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	1C3C18
RGB	28, 60, 24
RGB Percent	11%, 24%, 9%
CMY	0.8902, 0.7647, 0.9059
CMYK	0.53, 0.00, 0.60, 0.76
HSL	113°, 43%, 16%
HSV	113°, 60%, 24%
XYZ	2.2596, 3.5446, 1.4293
YIQ	46.3280, -7.5160, -17.9800

Conversions

Conversions Part 2

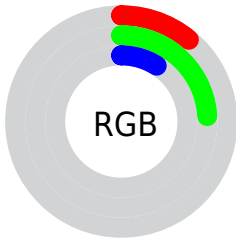
Format	Color
R_{YB}	24, 60, 56
Decimal	1850392
CIE _{Lab}	22.11, -20.47, 18.52
CIE _{LCh}	22, 27.607, 137.871
Yxy	3.5447, 0.3124, 0.4900
Android (android.graphics.Color)	4280040472 (0xFF1C3C18)
YUV	46.3280, -11.0077, -16.0737
Hunter-Lab	18.8270, -11.5235, 8.6779

Details

The HunterLab color $[18.8270, -11.5235, 8.6779]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[13.4923, 13.0793, -10.2438]$, and the grayscale version is $[16.6749, -0.8897, 0.9060]$.

A 20% lighter version of the original color is $[35.5504, -15.4795, 12.5142]$, and $[5.6042, -4.8056, 3.3692]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.5844, -12.6321, 9.4046]$, and if you desaturate by 10%, it is $[19.1167, -10.2206, 7.7908]$.

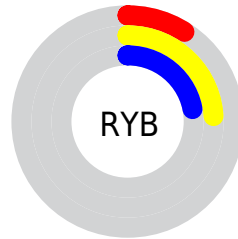
Distribution



Red (11%)

Green (24%)

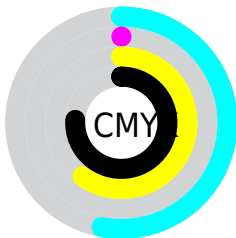
Blue (9%)



Red (9%)

Yellow (24%)

Blue (22%)

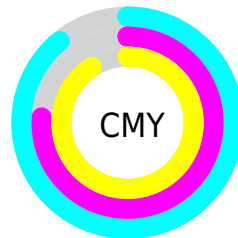


Cyan (53%)

Magenta (0%)

Yellow (60%)

Black (76%)



Cyan (89%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8270, -11.5235, 8.6779 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 18.8270, -11.5235, 8.6779 by changing the saturation by 10% instead.

■ 18.8270, -11.5235,
8.6779

■ 18.8270, -11.5235,
8.6779

■ 116.0549,
-27.2990, 23.6267

■ 11.9260, -9.2867,
7.5307

■ 35.4516, -15.4714,
12.4202

■ 4.8277, -8.4484,
3.3794

■ 44.9867, -17.2847,
14.1364

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2501, -19.0341,
15.7917

0.0000, NaN, NaN

■ 66.1936, -20.7377,
17.4040

0.0000, NaN, NaN

■ 77.7770, -22.4082,
18.9858

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.9670, -24.0543,

102.7346,
-25.6829, 22.0914

18.8270, -11.5235,
8.6779

18.8270, -11.5235,
8.6779

18.5844, -12.6321,
9.4046

19.1167, -10.2206,
7.7908

18.3866, -13.5421,
9.9710

19.4529, -8.7297,
6.7464

18.2296, -14.2724,
10.4227

19.8357, -7.0619,
5.5510

18.0967, -14.9070,
10.8900

20.2648, -5.2302,
4.2135

18.0966, -14.9071,
10.8901

20.7392, -3.2491,
2.7443

■ 21.2576, -1.1339,
1.1547

■ 21.8187, 1.0998,
-0.5433

■ 22.4208, 3.4372,
-2.3381

■ 23.0621, 5.8639,
-4.2182

Harmonies

Analogous

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



18.8274, -5.6977, 10.5730



18.8270, -11.5235, 8.6779



18.8274, -14.3069, 3.9684

Triad

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



18.8274, -11.5238, 8.6780



18.8274, -4.2719, -20.9522



18.8274, 16.9074, 5.1465

Complementary

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



18.8270, -11.5235, 8.6779



13.4923, 13.0793, -10.2438

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.



18.8274, 17.4713, -2.4873



18.8270, -11.5235, 8.6779



18.8274, 4.1964, -20.1677

Square

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



18.8274, -11.5238, 8.6780



18.8274, -10.6378, -14.2477



18.8274, 12.4908, -12.4228



18.8274, 11.0631, 9.2148

Rectangle

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



18.8270, -11.5235, 8.6779



18.8274, -14.4517, -1.1964



18.8274, 12.4908, -12.4228



18.8274, 17.7536, 3.0046

Sweetspot

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



18.8274, -11.5238, 8.6780



26.7414, -6.5971, 5.3345



19.5852, -2.9854, 9.3998



14.1273, -3.6744, 2.9583



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.8274, -11.5238, 8.6780



24.3125, -17.3116, 12.8105



18.8805, -10.9246, 5.7371



11.3404, -1.5973, 1.3659



28.5227, -23.8486, 17.1581



72.3637, -61.3339, 43.5164

Inverse Universe

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



13.4923, 13.0793, -10.2438



15.9689, 21.5690, -17.2823



13.4643, 12.0644, -2.9660



10.8887, 0.4453, -0.1917



16.4111, 33.0672, -27.8652



41.4296, 83.6595, -71.7556

Previews

White Background



This preview shows how the HunterLab color 18.8270, -11.5235, 8.6779 looks on a white background.

Color Contrast Check

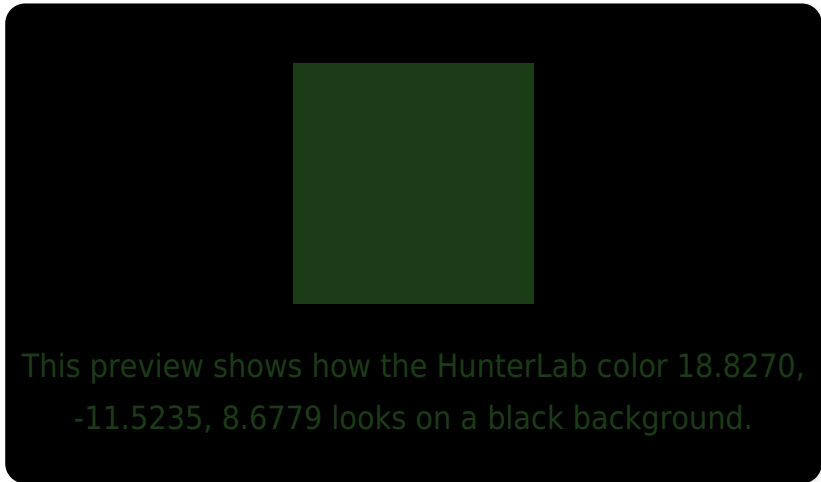
Large Text (above 18pt) WCAG AA ✓ Pass

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

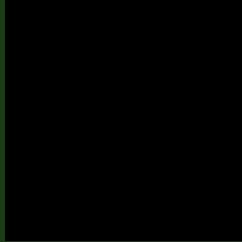
Any Text WCAG AA × Fail

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 18.8270, -11.5235, 8.6779 Background



This preview shows how black text looks on a background with the HunterLab color 18.8270, -11.5235, 8.6779.



This preview shows how white text looks on a background with the HunterLab color 18.8270,

-11.5235, 8.6779.

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

18.8270, -11.5235, 8.6779

Protanopia

18.7988, -2.3082, 9.1493

Deuteranopia

18.6659, 0.9808, 8.2254



Tritanopia

18.8158, -4.6189, -2.3983

Trichromacy



Original Color

18.8270, -11.5235, 8.6779

Protanomaly

18.7579, -6.2981, 8.8861

Deuteranomaly

18.5553, -4.3643, 8.2345

Tritanomaly

18.6091, -7.3980, 2.4281

Monochromacy



Original Color

18.8270, -11.5235, 8.6779

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1433, -5.3199, 4.1286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8270, -11.5235, 8.6779 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(28, 60, 24)` looks like.

```
.text, #text, p{  
    color:rgb(28, 60, 24)  
}
```

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(28, 60, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 60, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8270, -11.5235, 8.6779 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(28, 60, 24) }
```


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

```
.border{ border-color:rgb(28, 60, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 60, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 60, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 60, 24);  
box-shadow:4px 4px 4px 4px rgb(28, 60, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8270, -11.5235, 8.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 60, 24) }
```

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

```
.background{ background-color: rgb(28, 60,  
24) }
```

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