

Converting Colors

HunterLab(19.9840, -27.2753,
13.9888)

Have a look what the booklet for
HunterLab(19.9840, -27.2753,
13.9888) contains.

HunterLab(21.8291, -18.7184, 13.1233)	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(21.8291,
-18.7184, 13.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	004900
RGB	0, 73, 0
RGB Percent	0%, 29%, 0%
CMY	1.0000, 0.7137, 1.0000
CMYK	1.00, 0.00, 1.00, 0.71
HSL	120°, 100%, 14%
HSV	120°, 100%, 29%
XYZ	2.3826, 4.7651, 0.7942
YIQ	42.8510, -20.0750, -38.1790

Conversions

Conversions Part 2

Format	Color
RYB	0, 73, 73
Decimal	18688
CIELab	26.06, -34.94, 33.56
CIELCh	26, 48.447, 136.152
Yxy	4.7653, 0.3000, 0.6000
Android (android.graphics.Color)	4278208768 (0xFF004900)
YUV	42.8510, -21.1255, -37.5803
Hunter-Lab	21.8291, -18.7184, 13.1233

Details

The HunterLab color **21.8291, -18.7184, 13.1233** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.7753, 27.0822, -18.1675**, and the grayscale version is **15.5661, -0.8306, 0.8457**.

A 20% lighter version of the original color is **39.2579, -24.9426, 19.3654**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.8295, -18.7188, 13.1234**, and if you desaturate by 10%, it is **21.9736, -18.0314, 12.6586**.

Distribution



Red (0%)

Green (29%)

Blue (0%)



Red (0%)

Yellow (29%)

Blue (29%)

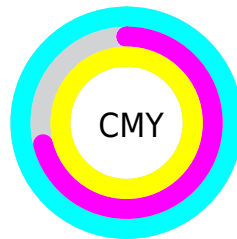


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (100%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8291, -18.7184, 13.1233 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 21.8291, -18.7184, 13.1233 by changing the saturation by 10% instead.

■ 21.8291, -18.7184,
13.1233

■ 21.8291, -18.7184,
13.1233

■ 121.4638,
-42.1539, 36.4273

■ 14.5266, -15.1432,
10.1686

■ 39.1275, -24.8534,
19.2236

■ 8.1876, -14.3283,
5.7313

■ 48.9567, -27.6111,
21.9826

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4940, -30.2333,
24.6008

0.0000, NaN, NaN

■ 70.6946, -32.7516,
27.1093

0.0000, NaN, NaN

■ 82.5214, -35.1883,
29.5309

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.9428, -37.5598,


31.8828


0.0000, NaN, NaN


 107.9315,
-39.8784, 34.1781


 21.8291, -18.7184,
13.1233


 21.8291, -18.7184,
13.1233


 21.8295, -18.7188,
13.1234

 21.9736, -18.0314,
12.6586

 22.1289, -17.2963,
12.1615

 22.3434, -16.2908,
11.4816

 22.6255, -14.9853,
10.5989

 22.9780, -13.3800,
9.5135

■ 23.4024, -11.4838,
8.2317

■ 23.8991, -9.3126,
6.7642

■ 24.4674, -6.8877,
5.1254

■ 25.1059, -4.2337,
3.3321

Harmonies

Analogous

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



21.8296, -8.8276, 15.2807



21.8291, -18.7184, 13.1233



21.8296, -23.1631, 6.9258

Triad

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



21.8296, -18.7187, 13.1234



21.8296, -7.8285, -47.8788



21.8296, 35.3054, 7.6762

Complementary

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



21.8291, -18.7184, 13.1233



13.7753, 27.0822, -18.1675

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.



21.8296, 35.7945, -6.7118



21.8291, -18.7184, 13.1233



21.8296, 7.7240, -47.0832

Square

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



21.8296, -18.7187, 13.1234



21.8296, -18.1634, -30.5764



21.8296, 24.6421, -28.8356



21.8296, 23.4489, 13.3849

Rectangle

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



21.8291, -18.7184, 13.1233



21.8296, -23.5395, -2.0608



21.8296, 24.6421, -28.8356



21.8296, 36.8979, 4.0038

Sweetspot

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



21.8296, -18.7187, 13.1234



31.0185, -12.4555, 9.0299



24.8632, -6.6781, 15.2037



15.9415, -6.7550, 4.8813



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



21.8296, -18.7187, 13.1234



28.4039, -24.3563, 17.0758



22.1263, -16.8684, 8.7581



12.8757, -1.9588, 1.5644



30.0153, -25.7381, 18.0446



74.1018, -63.5423, 44.5487

Inverse Universe

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



13.7753, 27.0822, -18.1675



17.9238, 35.2387, -23.6392



12.4378, 22.3487, -0.0935



12.3906, 0.6604, -0.2255



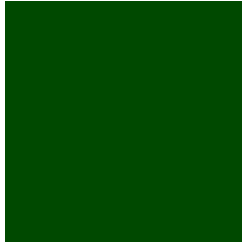
18.9407, 37.2379, -24.9803



46.7608, 91.9329, -61.6710

Previews

White Background



This preview shows how the HunterLab color 21.8291, -18.7184, 13.1233 looks on a white background.

Color Contrast Check

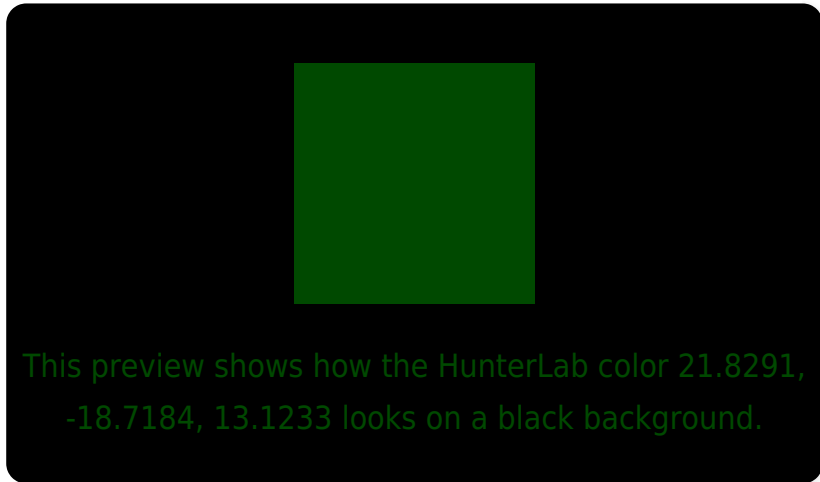
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8291, -18.7184, 13.1233 Background



This preview shows how black text looks on a background with the HunterLab color 21.8291, -18.7184, 13.1233.



This preview shows how white text looks on a background with the HunterLab color 21.8291,

-18.7184, 13.1233.

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

21.8291, -18.7184, 13.1233

Protanopia

21.7884, -3.3248, 13.3677

Deuteranopia

21.8747, 0.8826, 12.1659



Tritanopia

22.1508, -7.8617, -3.3602

Trichromacy



Original Color

21.8291, -18.7184, 13.1233

Protanomaly

21.1053, -11.3042, 12.8071

Deuteranomaly

20.8969, -9.2049, 11.9007

Tritanomaly

21.7400, -13.6447, 6.1080

Monochromacy



Original Color

21.8291, -18.7184, 13.1233

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

17.1770, -9.5982, 6.8372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8291, -18.7184, 13.1233 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(0, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 0)  
}
```

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(0, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8291, -18.7184, 13.1233 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(0, 73, 0) }
```


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

```
.border{ border-color:rgb(0, 73, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 73, 0); box-shadow:4px  
4px 4px 4px rgb(0, 73, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.8291, -18.7184, 13.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 0) }
```

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

```
.background{ background-color: rgb(0, 73,  
0) }
```

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