

Converting Colors

HunterLab(23.4634, -18.8088,
11.8728)

Have a look what the booklet for
HunterLab(23.4634, -18.8088,
11.8728) contains.

HunterLab(23.5474, -18.8460, 11.8641)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(23.5474,
-18.8460, 11.8641)**

Conversions

Conversions Part 1

Format	Color
Hex	044E19
RGB	4, 78, 25
RGB Percent	2%, 31%, 10%
CMY	0.9843, 0.6941, 0.9020
CMYK	0.95, 0.00, 0.68, 0.69
HSL	137°, 90%, 16%
HSV	137°, 95%, 31%
XYZ	2.9499, 5.5448, 1.8345
YIQ	49.8320, -27.0910, -32.1710

Conversions

Conversions Part 2

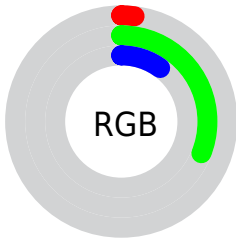
Format	Color
R_{YB}	4, 62, 78
Decimal	282137
CIE _{Lab}	28.23, -33.53, 24.99
CIE _{LCh}	28, 41.821, 143.301
Yxy	5.5450, 0.2856, 0.5368
Android (android.graphics.Color)	4278472217 (0xFF044E19)
YUV	49.8320, -12.2422, -40.1947
Hunter-Lab	23.5474, -18.8460, 11.8641

Details

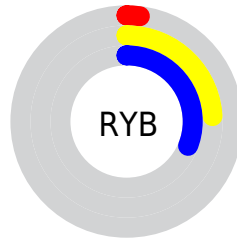
The HunterLab color **23.5474, -18.8460, 11.8641** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **14.1494, 24.7413, -7.0689**, and the grayscale version is **17.8500, -0.9524, 0.9698**.

A 20% lighter version of the original color is **41.2108, -24.5997, 16.3868**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **23.4680, -19.2346, 12.1890**, and if you desaturate by 10%, it is **23.7119, -18.0442, 11.1245**.

Distribution



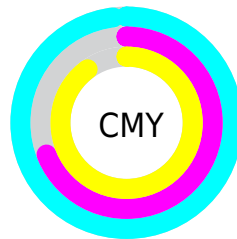
- Red (2%)
- Green (31%)
- Blue (10%)



- Red (2%)
- Yellow (24%)
- Blue (31%)



- Cyan (95%)
- Magenta (0%)
- Yellow (68%)
- Black (69%)



- Cyan (98%)
- Magenta (69%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5474, -18.8460, 11.8641 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 23.5474, -18.8460, 11.8641 by changing the saturation by 10% instead.

■ 23.5474, -18.8460,
11.8641

■ 23.5474, -18.8460,
11.8641

124.4825,
-41.2805, 30.1001

■ 16.0327, -15.5050,
9.5563

■ 41.2063, -24.6491,
16.4939

■ 9.5490, -15.8159,
6.6843

■ 51.1941, -27.2787,
18.6127

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8795, -29.7884,
20.6462

0.0000, NaN, NaN

■ 73.2195, -32.2060,
22.6154

0.0000, NaN, NaN

■ 85.1783, -34.5510,
24.5354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.7255, -36.8382,

26.4175

0.0000, NaN, NaN

■ 110.8346,
-39.0784, 28.2702

■ 23.5474, -18.8460,
11.8641

■ 23.5474, -18.8460,
11.8641

■ 23.4680, -19.2346,
12.1890

■ 23.7119, -18.0442,
11.1245

■ 23.9208, -17.0417,
10.2698

■ 24.1930, -15.7699,
9.3179

■ 24.5315, -14.2273,
8.2780

■ 24.9381, -12.4200,
7.1603

■ 25.4136, -10.3602,
5.9764

■ 25.9579, -8.0650,
4.7382

■ 26.5700, -5.5549,
3.4577

■ 27.2485, -2.8520,
2.1463

Harmonies

Analogous

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



23.5479, -10.7806, 14.6757



23.5474, -18.8460, 11.8641



23.5479, -22.0924, 4.0163

Triad

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



23.5479, -18.8463, 11.8642



23.5479, -4.2465, -39.5379



23.5479, 28.0778, 9.1835

Complementary

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



23.5474, -18.8460, 11.8641



14.1494, 24.7413, -7.0689

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.



23.5479, 30.9527, -1.8260



23.5474, -18.8460, 11.8641



23.5479, 10.0697, -35.1961

Square

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



23.5479, -18.8463, 11.8642



23.5479, -14.9989, -28.8772



23.5479, 23.7448, -19.0957



23.5479, 16.6021, 13.8091

Rectangle

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



23.5474, -18.8460, 11.8641



23.5479, -21.7690, -5.2282



23.5479, 23.7448, -19.0957



23.5479, 30.1757, 6.3400

Sweetspot

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



23.5479, -18.8463, 11.8642



33.9687, -11.9510, 6.9469



25.1568, -12.5506, 15.0110



16.8692, -6.3303, 3.6649



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.5479, -18.8463, 11.8642



30.9696, -25.5369, 16.4176



24.1294, -15.2753, 3.4139



13.6895, -1.9734, 1.3406



75.2987, -62.7520, 41.3468

Inverse Universe

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



14.1494, 24.7413, -7.0689



18.1839, 33.7897, -8.7865



13.2562, 21.3995, 5.5757



13.1147, 0.5870, 0.1174



44.0842, 81.6057, -18.8796

Previews

White Background



This preview shows how the HunterLab color 23.5474, -18.8460, 11.8641 looks on a white background.

Color Contrast Check

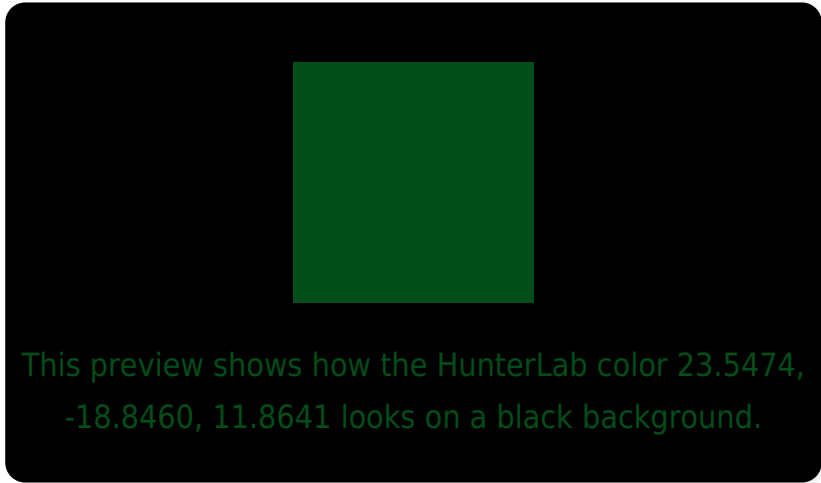
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5474, -18.8460, 11.8641 Background



This preview shows how black text looks on a background with the HunterLab color 23.5474, -18.8460, 11.8641.



This preview shows how white text looks on a background with the HunterLab color 23.5474,

-18.8460, 11.8641.

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

23.5474, -18.8460, 11.8641

Protanopia

23.5968, -3.0659, 12.5793

Deuteranopia

23.6633, 1.0959, 11.5228



Tritanopia

23.7417, -8.5459, -3.9929

Trichromacy



Original Color

23.5474, -18.8460, 11.8641

Protanomaly

22.8502, -11.2834, 11.7793

Deuteranomaly

22.6370, -9.1851, 10.9106

Tritanomaly

23.4915, -13.4791, 3.7963

Monochromacy



Original Color

23.5474, -18.8460, 11.8641

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

19.2747, -9.2516, 5.2620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5474, -18.8460, 11.8641 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(4, 78, 25)` looks like.

```
.text, #text, p{  
    color:rgb(4, 78, 25)  
}
```

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(4, 78, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 78, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5474, -18.8460, 11.8641 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(4, 78, 25) }
```

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

```
.border{ border-color:rgb(4, 78, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 78, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 78, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 78, 25); box-shadow:4px  
4px 4px 4px rgb(4, 78, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5474, -18.8460, 11.8641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 78, 25) }
```

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

```
.background{ background-color: rgb(4, 78,  
25) }
```

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