

Converting Colors

HunterLab(22.2206, -25.5163,
13.2047)

Have a look what the booklet for
HunterLab(22.2206, -25.5163,
13.2047) contains.

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Color

**HunterLab(23.3473,
-19.9868, 13.9637)**

Conversions

Conversions Part 1

Format	Color
Hex	004E01
RGB	0, 78, 1
RGB Percent	0%, 31%, 0%
CMY	1.0000, 0.6941, 0.9961
CMYK	1.00, 0.00, 0.99, 0.69
HSL	121°, 100%, 15%
HSV	121°, 100%, 31%
XYZ	2.7299, 5.4510, 0.9370
YIQ	45.9000, -21.7710, -40.4830

Conversions

Conversions Part 2

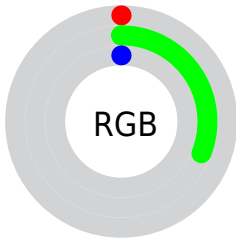
Format	Color
RYB	0, 77, 78
Decimal	19969
CIELab	27.98, -36.46, 34.84
CIELCh	28, 50.432, 136.298
Yxy	5.4512, 0.2994, 0.5978
Android (android.graphics.Color)	4278210049 (0xFF004E01)
YUV	45.9000, -22.1357, -40.2543
Hunter-Lab	23.3473, -19.9868, 13.9637

Details

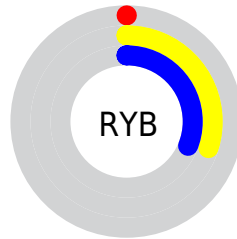
The HunterLab color **23.3473, -19.9868, 13.9637** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **14.6819, 28.7925, -18.8021**, and the grayscale version is **16.5724, -0.8843, 0.9004**.

A 20% lighter version of the original color is **40.9480, -26.1879, 20.2386**, and **10.9639, -9.4015, 6.5913** is the 20% darker color. If you saturate the color by 10%, you get **23.3478, -19.9871, 13.9638**, and if you desaturate by 10%, it is **23.4913, -19.3032, 13.5065**.

Distribution



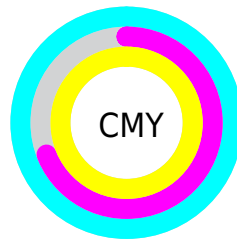
- Red (0%)
- Green (31%)
- Blue (0%)



- Red (0%)
- Yellow (30%)
- Blue (31%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3473, -19.9868, 13.9637 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 23.3473, -19.9868, 13.9637 by changing the saturation by 10% instead.

■ 23.3473, -19.9868,
13.9637

■ 23.3473, -19.9868,
13.9637

■ 124.1336,
-44.0519, 37.8244

■ 15.8567, -16.3499,
11.0997

■ 40.9651, -26.2684,
20.2071

■ 9.4011, -16.4519,
6.5808

■ 50.9347, -29.1005,
23.0281

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6031, -31.7957,
25.7082

0.0000, NaN, NaN

■ 72.9272, -34.3852,
28.2776

0.0000, NaN, NaN

■ 84.8709, -36.8910,
30.7588


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.4036, -39.3295,


33.1686


0.0000, NaN, NaN


 110.4989,
-41.7132, 35.5204


 23.3473, -19.9868,
13.9637


 23.3473, -19.9868,
13.9637


 23.3478, -19.9871,
13.9638

 23.4913, -19.3032,
13.5065

 23.6523, -18.5397,
12.9811

 23.8795, -17.4726,
12.2491

 24.1798, -16.0808,
11.3017

 24.5564, -14.3644,
10.1396

■ 25.0110, -12.3326,
8.7698

■ 25.5439, -10.0028,
7.2040

■ 26.1545, -7.3980,
5.4581

■ 26.8414, -4.5451,
3.5502

Harmonies

Analogous

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



23.3478, -9.4725, 16.3434



23.3473, -19.9868, 13.9637



23.3478, -24.7054, 7.3308

Triad

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



23.3478, -19.9871, 13.9638



23.3478, -8.2730, -50.8860



23.3478, 37.5003, 8.2328

Complementary

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



23.3473, -19.9868, 13.9637



14.6819, 28.7925, -18.8021

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.



23.3478, 38.0858, -7.0332



23.3473, -19.9868, 13.9637



23.3478, 8.3029, -49.9351

Square

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



23.3478, -19.9871, 13.9638



23.3478, -19.3195, -32.5959



23.3478, 26.2830, -30.5139



23.3478, 24.8536, 14.2506

Rectangle

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



23.3473, -19.9868, 13.9637



23.3478, -25.0921, -2.2744



23.3478, 26.2830, -30.5139



23.3478, 39.2138, 4.3348

Sweetspot

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



23.3478, -19.9871, 13.9638



33.6492, -13.5715, 9.7565



26.5871, -7.1411, 16.2578



16.7158, -7.1232, 5.1043



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.



23.3478, -19.9871, 13.9638



30.8312, -26.4045, 18.4634



23.6548, -18.0731, 9.4483



13.6670, -2.0988, 1.6628



75.0481, -64.3230, 45.0513

Inverse Universe

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



14.6819, 28.7925, -18.8021



19.3863, 38.0148, -24.7991



13.2901, 23.8618, 0.0436



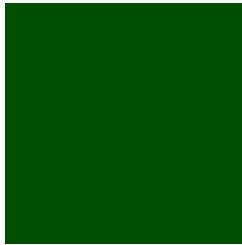
13.1399, 0.7228, -0.2416



47.1823, 92.5027, -60.2212

Previews

White Background



This preview shows how the HunterLab color 23.3473, -19.9868, 13.9637 looks on a white background.

Color Contrast Check

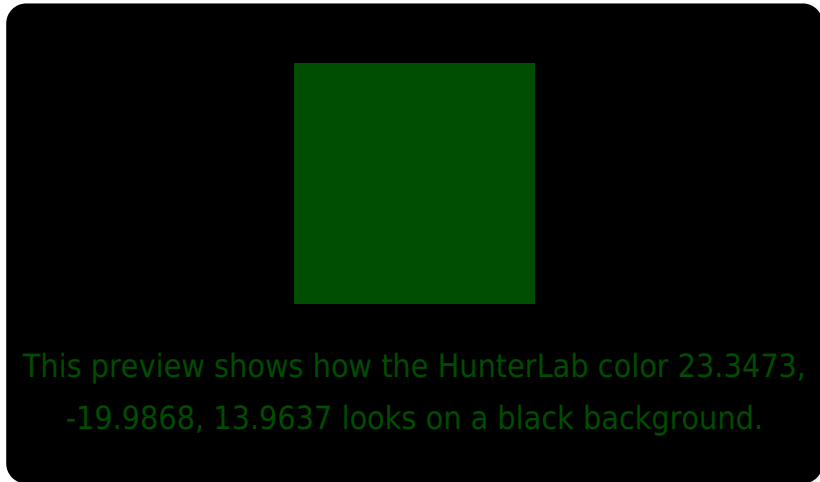
Large Text (above 18pt) WCAG AA ✓ Pass

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

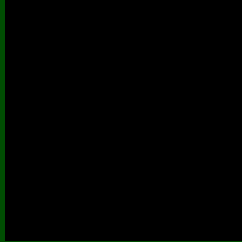
Any Text WCAG AA × Fail

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 23.3473, -19.9868, 13.9637 Background



This preview shows how black text looks on a background with the HunterLab color 23.3473, -19.9868, 13.9637.



This preview shows how white text looks on a background with the HunterLab color 23.3473,

-19.9868, 13.9637.

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

23.3473, -19.9868, 13.9637

Protanopia

23.4737, -3.7513, 14.3987

Deuteranopia

23.4100, 1.2352, 13.1037



Tritanopia

23.7455, -8.5924, -3.5155

Trichromacy



Original Color

23.3473, -19.9868, 13.9637

Protanomaly

22.6602, -12.3043, 13.7477

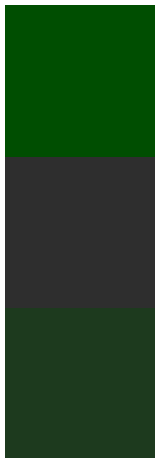
Deuteranomaly

22.1705, -9.8482, 12.6422

Tritanomaly

23.2849, -14.6764, 6.4074

Monochromacy



Original Color

23.3473, -19.9868, 13.9637

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

18.3877, -10.2966, 7.1896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3473, -19.9868, 13.9637 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, 78, 1)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 1)  
}
```

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, 78, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3473, -19.9868, 13.9637 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, 78, 1) }
```

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

```
.border{ border-color:rgb(0, 78, 1) }
```

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

Here you see how a box with a 4 pixel rgb(0, 78, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 78, 1); box-shadow:4px  
4px 4px 4px rgb(0, 78, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.3473, -19.9868, 13.9637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 1) }
```

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

```
.background{ background-color: rgb(0, 78,  
1) }
```

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](#).

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